DOCUMENT RESUME

ED 111 859

24

TH 004 826

AUTHOR TITLE O'Sullivan, Maureen; Guilford, J. p.

Six Factors of Behavioral Cognition: Understanding

Other People.

INSTITUTION

University of Southern California, Los Angeles. Dept.

of Psychology.

SPONS AGENCY NOTE : Office of Education (DHEW), Washington, D.C.

46p.

EDRS PRICE DESCRIPTORS

MF-\$0.76 HC-\$1.95 Plus Postage

Aural Stimuli; *Cognitive Processes; Factor Analysis;

*Factor Structure; High School Students;

*Intelligence Factors: *Interpersonal Competence; Measurement Techniques; Social Relations; Test

Construction; *Tests; Test Validity: Visual Measures

IDENTIFIERS

Guilfords Structure of Intellect Model; *Social

Intelligence

ABSTRACT

It has been suggested than an educational curriculum should include training in working with people as well as with ideas. Measuring and conceptualizing "social intelligence has been difficult, however. Although the idea of social intelligence has a long history. most tests which have been proposed to measure such ability correlate highly with tests of verbal aptitude. The present study describes six factors of "behavioral cognition". or social intelligence suggested by Guilford's Structure of Intellect model. These social intelligence' factors are defined by 23 tests using photographs, cartoons and other drawn materials, and tape-recorded sounds. The six behavioral-cognition factors are shown to be distinct from factors defined by 24 tests of verbal aptitude, spatial ability, and creative thinking. The 18 reference and experimental factors hypothesized and demonstrated are described and discussed. To date no similar factors, reflecting the abilities involved in understanding the feelings and intentions of others, have been reported. Supplementary materials including sample items, scoring formulas, number of parts per test, working time allowed, the correlation matrix, rotated and unrotated factor 'matrices' and target matrix are appended. (Author/RC)

Bix Factors of Behavioral Cognition: Understanding Other People MAUREEN O'SULLIVAN and J. P. GUILFORD

It has been suggested than an educational curriculum should include training in working with people as well as with ideas. Measuring and conceptualizing "social intelligence" has been difficult, however. Although the idea of social intelligence has a long history, most tests which have been proposed to measure such ability correlate highly with tests of verbal aptitude. The present study describes six factors of "behavioral cognition" or social intelligence suggested by Guilford's Structure of Intellect model. These social intelligence factors are defined by 23 tests using photographs, cartoons and other drawn materials, and tape-recorded sounds. The six behavioral-cognition factors are shown to be distinct from factors defined by 24 tests of verbal aptitude, spatial ability, and creative thinking. The 18 reference and experimental factors hypothesized and demonstrated are described and discussed. To date no similar factors, reflecting the abilities involved in understanding the feelings and intentions of others, have been reported.

PERMISSION TO REPRODUCE THIS THE PROPERTY OF THE PERMISSION MATERIAL HAS BEEN GRANTED BY

TO ENC AND ORGANIZATIONS OPERATING UNDER AGREEMENTS WITH THE NATIONAL INSTITUTE OF EDUCATION FURTHER REPRODUCTION OUTSIDE THE ERIC SYSTEM RECURRES PERMISSION OF THE OWNER.

U S DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION
THIS DOCUMENT HAS BEEN REPRO
DUCED EXACTLY AS RECEIVED FROM
THE PERSON OR ORGANIZATION QRIGIN
ATING IT POINTS OF VIEW OR OPINIONS
STATED DO NOT NECESSARILY REPRE
SENT OFFICIAL NATIONAL INSTITUTE OF
EDUCATION POSITION OR POLICY

2

SIX FACTORS OF BEHAVIORAL COGNITION: UNDERSTANDING OTHER PEOPLE
MAUREEN O'SULLIVAN

University of San Francisco and Human Interaction and Conflict

Laboratory, University of California, San Francisco

and

J. P. GUILFORD

University of Southern California*

In her recent presidential address to the American Association for Higher Education, K. Patricia Cross (1974) pointed out that present models' of education overemphasize the narrow band of human abilities that enable people to perform academic tasks. She suggested a three-dimensional model that prepares people to work with data, work with things, and work with people. In Cross' view the task of education is to develop the student's ability to the point of excellence in one area and to "prepare him or her to live in today's world by developing at least minimum competence in the other two areas " (p.4). If these suggestions are to be implemented by educators, they require means of conceptualizing and measuring the abilities involved in each of these three areas so that appropriate curricula may be developed.

More than fifty years ago, E. L. Thorndike (1920) suggested that human intelligence is composed of three aspects: abstract, mechanical, and social intelligence (paralleling the work skills outlined by Cross). Although both abstract and mechanical intelligence have been successfully measured, early attempts to develop independent measures of social intelligence had not been successful. Both R. L. Thorndike (1936) and Woodrow (1939) found that tests designed to measure social intelligence were loaded on factors defined by verbal-ability tests. The present study is one contribution to the conceptualization and measurement of some of the abilities involved in the task of



working with people.

In our view, Thorndike's "social intelligence" and Cross's "work with people" are too general to be of practical value over and above naming the domain of interest. Observing people interacting with other people suggests that there are a number of different ways of being socially intelligent. As Argyle (1972) has noted, "Clearly most people are better at some social tasks than others.... There are, for example, people who are better at handling audiences, or committees, than at dealing with individuals -- or vice versa" (p.77). Some people are astute in understanding or cognizing what others think and feel, but for reasons of timidity or poor social training do not behave well in social situations. Others, while not particularly perceptive of others' feelings and thoughts, are socially poised and well-informed. Some individuals, such as successful statesmen, can produce many different solutions to a social problem.

One of the few theories of human intelligence that includes social intelligence abilities is Guilford's (1967) Structure of Intellect (SI) model. The Structure of Intellect postulates 120 different factors of intellectual ability organized along three dimensions: content (semantic, symbolic, figural, and behavioral); operation (cognition, memory, divergent production, convergent production, and evaluation); and product (units, classes, relations, systems, transformations, and implications). Within the behavioral content area, Guilford hypothesizes 30 different intellectual abilities categorized according to the five intellectual operations and six products involved. For example, persons with the ability to think of many different social solutions or to generate many different facial expressions might be described as gifted in the area of behavioral divergent production (Hendricks, Guilford, & Hoepfner, 1969). Individuals skilled in making the correct social response demon-

strate behavioral convergent production. Those who make wise social decisions are good behavioral evaluators, while those who never forget an interpersonally relevant occurence have superior behavioral memory.

This study demonstrates the existence of six factors of social intelligence dealing with the ability to understand other people's thoughts, feelings,
and intentions. These are called factors of "behavioral cognition" to indicate that they refer only to the abilities to cognize or understand behavior
and not to other abilities which might more broadly and inclusively be termed
"social intelligence."

PROCEDURES

Test Construction

We assumed that expressive behaviors such as facial expressions, vocal inflections, postures, and gestures are the cues from which intentional and emotional states are inferred. Therefore, behavioral cognition, as measured in this study, is more fully defined as the ability to understand the thoughts, feelings, and intentions of other people insofar as they are manifested in discernible behavior.

Although behavioral cognition is probably most adequately demonstrated in real-life situations, economy dictated tests which used less than life-size stimuli. In the present study, the stimuli used included photographs of human faces and bodies, cartoons, and tape-recorded words and sounds. Motion picture tests were not used because of expense, as well as our belief they would prove to be factorially complex. Verbal stimuli were avoided as much as possible since it seemed to us that the use of such stimuli was one of the major causes of failure in the early attempts to measure social intelligence as a separate ability. If situations are verbally defined, semantic abilities provide the dominant variance in solving the task. The various kinds of



stimuli used were distributed evenly among the tests hypothesized to measure each of the six factors. In this way, no single behavioral factor could be defined by only one kind of stimuli. For example, tests designed to measure the ability to cognize behavioral units included photographs of faces, drawings of gestures, postures and faces, verbal statements, and tape-recorded sounds. Cognition of behavioral-relations tests did not use sounds but did use all the stimuli types included in the units tests, and, in addition, used cartoons, silhouettes and stick figures. Figure 1 illustrates the variety of stimuli and test formats used.

Insert Figure 1 About Here

Behavioral Cognition Factors and Tests¹

Cognition of behavioral units'- CBU.

The factor, CBU, refers to the ability to understand behavioral units. In the area of verbal intelligence, a unit is defined as a word or a meaning-ful concept. In the behavioral area, the unit is defined as an expression that communicates feeling, intention, or attitude. Such units include facial expressions, vocal inflections, hand gestures, and body postures. Although some investigators have studied human communicative behavior using facial-muscle changes as units (i.e., forehead wrinkles, narrowed eyes), such muscle changes do not occur in isolation. Usually, the communicative unit in understanding others is the whole facial expression, not part of one. Four CBU tests were constructed. Like most of the behavioral-cognition tests, each consisted of two parts, with 15 items per part. All tests were timed, but the time limits were generous and most subjects were able to complete the tests in the time allowed.



Expressions - Choose the one of four alternative drawings of either a facial expression, a hand gesture, or a body posture that has the same behavioral meaning as a given drawing. The drawings developed for this test were suggested in part by Krout's (1935) list of expressive gestures.

<u>Faces</u> - Choose the one of four photographed male-facial expressions that has the same meaning as the given female-facial expression. The male faces were selected from the Frois-Wittmann photographs published by Hulin and Katz (1935). The female photographs are of Marjorie Lightfoot, from the series developed by Engen, Levy, and Schlosberg (1957;1958).

Inflections - Choose the one of four drawn facial expressions that matches the voice inflection in a tape-recorded phrase such as "I did it" or "No".

Questions II - Choose the one of four alternative verbal statements that goes with a photographed facial expression of the French actor, Fernandel (Halsman, 1949).

Cognition of behavioral classes - CBC.

A class is a group or aggregate whose members possess a common attribute which can be abstracted. The ability to understand classes, to cognize
the class idea, is related to concept formation, generalization, and abstraction. In the behavioral area, CBC refers to the ability to generalize from
behavioral information, to see the similarity in a group of intentional or
emotional expressions. The four classes tests used three different test formats: grouping, exclusion, and naming.

Expression Grouping - Choose the one of four expressions that belongs with a given three-expression group. The stimuli used in this test are similar to those in the CBU test, Expressions.

Picture Exclusion - Choose the one of four photographs of hand gestures,



facial expressions, or body postures that does not belong.

Odd Strip Out - Each item consists of three four-panel Ferd'nand cartoon strips (Mik, 1960; 1961; 1962; 1963; 1964). The task is to indicate the cartoon sequence in which Ferd'nand acts differently than he does in the other two.

Sound Meaning - Choose the one of four words such as "tired" or "fear-ful" that describes a group of three tape-recorded sounds, such as heavy breathing, a startled laugh, and a whimper.

Cognition of behavioral relations - CBR.

Relationships in the other content areas of the SI model refer to meaningful connections between units. One way of illustrating a relationship is by means of an analogy. For example, in the semantic-content area, in the analogy, dog is to puppy as adult is to child, the semantic units (concepts) of dog and puppy, adult and child, are related in terms of age, with the first concept of each pair being the older. Another type of relationship, often included in analogies, is that of opposition. "Up" and "down" are re-. lated concepts since they are opposite in meaning. In defining the factor, CBR, we felt that the ability to understand behavioral relations included two components. One was the ability to understand the relationships between units present in analogy and opposites formats. Two of the four CBR tests are based on this definition. The second definition of this factor refers to the social relationships between individuals. We felt that differences in cognizing behavioral relations might be revealed in differences in understanding the relationships between two persons. Two of the CBR tests are based on this definition:

<u>Cartoon Analogies</u> - Choose the one of three alternative expressions that is related to a third given expression in the same way that a second



given expression is related to the first.

Stick Figure Opposites - Choose the one of three stick figures that expresses a feeling opposite to that of a given stick figure. The stick figures used in this test were suggested by those developed by Sarbin and Hardyck (1955).

Social Relations - Choose the one of three verbal statements that fits the relationship between two schematically-drawn faces. The schematic faces in Social Relations were adapted from those used by Cline (1956).

Silhouette Relations - Choose the one of three facial photographs that expresses the same state of mind as a specified member of a pair of head-and-shoulders silhouette figures facing one another. The tilts and levels of the silhouettes relative to one another define the relationship between them. The silhouettes were suggested by work done with similar materials by Knapp (1963).

Cognition of behavioral systems - CBS.

The systems product in the SI model refers to organized, complex, interrelated information. In this study, behavioral systems were conceptualized in two ways. The first was as sequences of social behavior in which the feelings and intentions of individuals involved with one another are of paramount importance. Two tests, Missing Cartoons and Missing Pictures, were based on the notion of behavioral systems as sequences of behavior occurring over time. The temporal element, however, need not be the crucial one. A behavioral system might exist in which the systems variance is contributed by the complexity of the interrelatedness of three or more characters, or by two characters interacting with their environment. For example, an appreciative man and a skeptical woman reacting to a third stimulus, a beauty contest, is a behavioral system in this second definition of CBS. One test,



Facial Situations, was constructed for this second aspect of the factor.

Missing Cartoons - Choose the one of four alternative Ferdinand cartoons that completes a cartoon strip. The missing cartoon might be from the beginning, middle or end of the given strip.

Missing Pictures - Choose the one of three photographs that completes a given photographic story.

Facial Situations - Choose the one of three verbal descriptions of a situation that fits the expression on both of two photographed faces.

Cognition of behavioral transformations - CBT.

In the Structure of Intellect model, transformations is the product name for changes or redefinitions. In the cognitive-semantic area, transformations ability is indicated by the individual who recognizes that a magnifying glass can start a fire or that a brick can stop a door. In both cases, the function of an object is changed or transformed. The tests constructed for CBT are intended to assess a subject's ability to redefine the meanings of behavioral units (Expression Exchange), behavioral relations (Social Translations), as well as to transform the meaning of behavioral systems (Cartoon Exchange, Picture Exchange). Additionally, a humor test, Who Said It?, was constructed in which much of the humor consists in transforming babies' faces into those of adults.

Expression Exchange - Choose the one of three drawn facial expressions that changes the meaning of a given gesture.

Social Translations - Choose the one of three alternative pairs of people between whom a given verbal statement will have different intentional meaning.

Cartoon Exchange - Choose the one of four alternative cartoons which, when substituted for a designated panel in a Ferd nand cartoon strip, changes



the meaning of the whole story.

<u>Picture Exchange</u> - Choose the one of three photographs, which when substituted for a given picture in a photographed story, changes the meaning of the whole story.

Who Said It? - Choose the one of four photographed babies faces (Bannister, 1950; 1952) that fits a given caption.

Cognition of behavioral implications - CBI.

In other content areas of the SI model, the implications product refers to extrapolations in the form of antecedents or consequents. Implications factors have also been demonstrated by tests of sensitivity-to-problems, an act of extrapolation. One CBI test, <u>Cartoon Implications</u>, is based on both the antecedent and consequent definition of implications, while <u>Cartoon Predictions</u>, another CBI test, requires the subject to understand the consequences of behavior. A third CBI test, <u>Reflections</u>, was based on the sensitivity-to-problems definition of this factor.

<u>Cartoon Implications</u> - Choose the one of four verbal statements that describes what precedes or will follow a given Ferd'nand cartoon.

<u>Cartoon Predictions</u> - Choose the one of three alternative cartoons that follows a given cartoon.

Reflections - Choose the one of three alternative interpretations that correctly "reflects" the feeling of a tape-recorded statement. The items for this test were suggested, in part, by patient statements similar to those included in Porter (1950), Porter and Streich (1963), Rogers (1942), and Snyder (1947).

Reference Factors and Marker Tests

A number of tests were included in the battery as measures of wellestablished factors which might clarify the interpretation of the hypothe-

sized behavioral-cognition factors. For example, it seemed desirable to include marker tests of verbal comprehension (CMU), verbal naming (NMU), and general reasoning (CMS) abilities to ensure that possible variance in performance on the behavioral-cognition tests attributable to these abilities could be identified. The separation of behavioral-cognition factors from these well-established verbal factors is particularly relevant beganse of early failures in separating these factor domains, Since earlier tests of social intelligence seemed to tap little other than semantic variance, the demonstration that the behavioral-cognition tests are not loaded on known verbal factors is of paramount importance: For this reason, a number of semantic or verbal-factor tests were used. These included, in addition to measures of verbal comprehension, naming, and general reasoning, measures of verbal classification (CMC), verbal analogies (CMR), and conceptual foresight, or sensitivity-to-problems (CMI).

The behavioral tests use unusual test stimuli which might favor more flexible individuals. For this reason, measures of creative-thinking factors were used as indirect indicators of the ability to respond well in unusual situations. The particular divergent-production factors selected were suggested by Weisgerber's (1956) finding that verbal fluency (DMU) and verbal expressiveness (DMT) were related to accuracy in judging emotional expression. For this reason, measures of these two divergent-production factors were included.

Many of the behavioral-cognition tests use Ferd'nand or other cartoon stimuli. Cartoons are not restricted to behavioral tests, however. They have been used to assess semantic abilities as well. For example, a test based on the Louie cartoon strip has been used to define a semantic ordering (NMS) factor (Adkins & Lyerly, 1951). This test, <u>Picture Arrangement</u>, was

included in the present study to determine whether the behavioral tests, particularly those using cartoons, were measures of cartoon or format factors.

Since most of the behavioral tests use a variety of visual stimuli, it was important to determine whether visual (figural) abilities are involved in responding to them. Marker tests of speed of closure (CFU), figural inductive reasoning (CFR) and flexibility of closure (NFT) were used to determine this. Additionally, the figural transformation (NFT) factor had been found by Messick and Damarin (1963) to be related to recall of social stimuli (faces). We thought it would be useful to see whether this relationship exists in the area of behavioral cognition as well.

The two marker tests for each reference factor included in the test battery were chosen because each had defined a reference factor in the past and because each could be administered in a relatively short time. To conserve testing time, we used three tests that the subjects had already taken as part of their school's testing program: the 20-vocabulary items of the Henmon-Nelson Tests of Mental Ability (Lamke & Nelson, 1957) were used as one of the verbal-comprehension measures; the Abstract Reasoning section of the Differential Aptitude Tests (Bennett, Seashore, & Wesman, 1959) was used as a measure of figural reasoning (CFR); and the Quantitative Thinking test in the Iowa Educational Development Series (Lindquist & Bloomers, 1960) was used as a measure of general reasoning (CMS). In all, 24 tests designed to define 12 reference factors were used (see Table 1 for test names and factor designation).

Insert Table 1 about here



Sample

The sample used for this study included 240 eleventh-grade students in a middle-class, primarily Caucasian, urban California community. The mean age of the 110 boys and 130 girls was 16.7 years. The average Henmon-Nelson I Q of 229 of these students was 117.7, with a standard deviation of 16.9 and a range from 83 to 155. The test battery was administered to the students during four of their usual two-hour social studies periods. The test battery was administered to all subjects in the same order.

Statistical Analyses

Although all the behavioral segnition tests had been pre-tested, additional item analyses were performed using the final-test-battery data. Items with very low item-total correlations were eliminated in order to obtain satisfactory internal-consistency reliability. On the average, one to three items were deleted (i.e., not scored) in a 30-item test. The number of items deleted from each test is given in Appendix Al. For tests 16, 31 and 39 (see Table 1) the score is the total number of correct items. For the other behavioral-cognition tests, the total score is the sum of two partscores, separately corrected for guessing using the formula: number of items correct plus 1/k times the number of items omitted, where k is the number of alternatives 1. If, by visual inspection, a total score distribution was not normally distributed, an appropriate scaling technique was applied (see Table 1). C-scale (Guilford & Fruchter, 1973), stanine scale, or dichotomization was selected on the bases of score range and skewness.

The 47 factor tests, plus sex (0=female; l=male), chronological age, mental age, sibling status (0=only or oldest; l=other), and socio-economic status (l=high through 5=low) were intercorrelated using Pearson correlation coefficients. The variables sex, sibling status, and socio-economic status,



having no correlation greater than .21 and being of secondary interest in terms of the purpose of this study, were excluded from the factor analysis.

Mental age, known to be factorially complex, and chronological age were also excluded.

The 47 variable correlation matrix¹, with the highest correlation in each column entered in the diagonal, was submitted to an iterative communality program. The iterated communality estimates were then inserted into the diagonals and 33 principal factors were extracted. The first 22 principal factors extracted were retained since a plot of the eigenvalues of all factors extracted showed a dip after the 21st one.

The 22 principal factors were then submitted to an orthogonal rotation program designed to maximize the similarity of the obtained factor matrix of loadings to a target matrix (Cliff, 1966). The largest number of factors capable of maintaining communalities, using this program, was 19. This number of factors was retained, rather than a smaller number, because it gave a better simple structure solution.

The initial target matrix was patterned in line with our hypotheses, using the square root of each test's communality as its target loading. These loadings were selected not only to maximize the emergence of the hypothesized factors, but to achieve simple structure and to maintain positive manifold. In the final target matrix the sizes of some loadings were changed slightly and not all variables were patterned according to the original hypothesis. Changes in the final target were made so as to achieve simple structure.

RESULTS

The Factors and their Interpretation

The factors found in this study will be discussed primarily in terms of



tests having loadings of .30 or greater. Table 2 contains the 12 hypothesized reference factors. Since these factors have been reported in many other studies (Thurstone, 1944; Wilson, Guilford, Christensen, & Lewis, 1954; Guilford, 1967), and have been discussed in some detail in a technical report (O'Sullivan, Guilford, & deMille, 1965), only two observations need to be made here. The first is that the marker tests predicted to load together did, with few exceptions, do so. Of more importance for the present study is the finding that only one behavioral—cognition test loaded on a reference factor. Despite the use of cartoons and other figural materials, the behavioral—cognition tests clearly assess different aptitudes than the cartoon test, Picture Arrangement, used to measure semantic skill, or, the tests using drawings, such as Penetration of Camouflage and Hidden Figures, used to assess figural abilities.

Insert Table 2 about here

What about the one behavioral-cognition test (<u>Reflections</u>) that is loaded on a non-behavioral factor (CMR)? In this test, the examinee is given a tape-recorded "patient" statement and is to choose the "therapist" statement that reflects the feeling in the patient statement. In order to communicate subtle emotional messages, it was necessary to make many of the statements used in this test verbally sophisticated and grammatically complex. The result seems to be that the variance in the test is more dependent on knowing how to use language than on knowing what another person "really" means. "



Behavioral Cognition Factors

CBU Cognition of behavioral units

Tests	Loadings .
18. Missing Cartoons (CBS)	.41 (CBS .52; CBI .35)
11. Faces (CBU)	40
16. Inflections (CBU)	.38
8. Expressions (CBU)	. 36
30. Quéstions II (CBU)	.34

Although the behavioral-units factor is led by Missing Cartoons, a test designed to measure CBS, the other four tests defining it are those hypothesized to do so. Missing Cartoons is a complex test with correlations as high as .60 with several CB tests. To answer the items in this test correctly, the facial expressions of each cartoon character must be scrutinized. In the light of this task requirement, its loading on CBU is understandable.

Three of the other four tests defining the CBU factor, Faces, Inflections, and Questions II, assess mainly the ability to understand facial expressions.

Inflections was devised to discover whether a vocal inflection could be used to indicate a behavioral unit. However, inspection of subjects' responses to each item suggested that this test's difficulty lay not in the tape-recorded inflections, but in the drawings of the matching facial expressions. The fourth test, Expressions, is the only behavioral units test in which other than facial expressions were effectively used. Its factor loading pattern, however, is not strongly univocal on CBU. (It has a .27 loading on CBC.)

For these reasons, the CBU factor is interpreted, in this analysis, as the ability to understand facial expressions. However, other research (Hendricks et al., 1969) indicates that CBU includes the ability to understand other be-havioral units, such as gestures and postures, as well.



CBC Cognition of behavioral classes

	Tests	Loadings
10.	Expression Grouping (CBC)	.59
26.	Picture Exclusion (CBC)	.41

Expression Grouping, a test composed of drawings, and Picture Exclusion, a test with a photographic format, clearly define the hypothesized behavioral-classes factor. The CBC factor is interpreted as the ability to cognize different modes or units of expressions as communicating the same generalized thought or feeling. As with factor CBU, this interpretation of the CBC factor applies to the dimension isolated in the present analysis. Theoretically, the ability to cognize behavioral classes might also be measured by tests in which only one behavioral modality (e.g. only faces, only gestures, etc.) is used.

Odd Strip Out, intended as a test of the ability to classify systems of behavior, is not loaded on this factor. This finding tends to support the interpretation of CBC as a classing-of-units-factor. Sound Meaning, another hypothesized CBC test, has no significant loading on any factor. This may be due to its low reliability.

CBR Cognition of behavioral relations

•	• Tests	Loadings	• \
37.	Social Relations (CBR)	•50	
	Silhouette Relations (CBR)	40	
1.	Cartoon Analogies (CBR)	.37	. 1
40.	Stick Figure Opposites (CBR)	.34	1
38.	Social Translations (CBT)	.34 (CBT)	.51)

All four of the tests designed as measures of the ability to cognize behavioral relations are univocally loaded on this factor. Social Relations



and <u>Silhouette Relations</u> were especially constructed to assess the ability to understand two-person interaction. Although these tests have higher, more univocal loadings than the other two CBR tests, the fact that <u>Cartoon Analogies</u> and <u>Stick Figure Opposites</u> loaded as predicted suggests that though understanding two-person relations is an important aspect of this ability factor, other behavioral relations are involved as well.

The significant loading of <u>Social Translations</u>, a test hypothesized to measure CBT, while not predicted, is understandable. This test emphasizes the different social meanings that a statement may have, when expressed between different pairs of people. Although the cognition of the statement's transformation is an essential operation, this cognition could not occur unless one understands the usual kind of relationship between the alternative pairs. Cognition of the dyadic relation is necessary to cognition of the given transformation.

CBS Cognition of behavioral systems

·	Tests	Loadings	
19.	Missing Pictures (CBS)	.58	
18.	Missing Cartoons (CBS)	.52 (CBU .41; CBI .3	5)
21.	Odd Strip Out (CBC)	.50 (CBT .34)	, .
12.	Facial Situations (CBS)	. 42	
3.	Cartoon Implications (CBI)	.41 (CBI .30)	

The three tests constructed to measure CBS, the comprehension of a complex social situation, are loaded on this factor. Missing Pictures, a pictorial test, seems to be the best measure of factor CBS, probably because its item situations are simple and little skill is needed to understand the individual expressions used.

Missing Cartoons also has a high loading on this factor. Yet despite

its format, which is very similar to that of <u>Missing Pictures</u>, a univocal CBS test, <u>Missing Cartoons</u> is the most complex test in this battery. In <u>Missing Cartoons</u>, the subject must attend closely to each cartoon character's facial expression. How the pivotal character feels may determine the start or finish of many of the cartoon strips. <u>Missing Cartoons'</u> loading on factor CBU is thus not surprising. In <u>Missing Pictures</u>, on the other hand, since unskilled actors were used, greater reliance was placed on the social situation itself to convey the behavioral information.

Missing Cartoons' loading on the CBI factor is also of interest. Of the missing cartoons in this test, one-third are the fourth or last cartoon in the strip. The subject is to predict what will happen, what will follow from a given situation. The task for these items, then, is like that in <u>Cartoon</u> Predictions, a test hypothesized to measure CBI.

Conversely, only one-third of the items in <u>Cartoon Implications</u>, hypothesized to measure CBI, are of the what-will-happen, predictive type. The remaining items in <u>Cartoon Implications</u> refer to what led up to or preceded the given situation. These "precedent" items organize or explain the given situation. This may be why <u>Cartoon Implications</u> is loaded significantly on factor CBS, and why <u>Missing Cartoons</u> is loaded on the CBI factor.

Considering the splitting of these two tests between factors CBS and CBI, it is suggested that behavioral implications be defined as behavioral predictions. When one makes a prediction, there is usually no way of immediately checking one's response. In understanding systems, however, one can compare both ends with the middle, thus verifying the consistency of one's structuring. Unless the behavior in the strip is highly overdetermined, cartoon strips with the last panel missing would not seem to be suitable stimuli for testing comprehension of behavioral systems.



Facial Situations is a photographic test, similar in format to Social Relations, the leading CBR measure. The significant loading of Facial Situations on the CBS factor may be taken to mean that two people may constitute a system rather than a relationship, so long as they are reacting to a third stimulus rather than to one another. In pretesting Odd Strip Out, it was obvious that this classes-of-systems test demanded a great deal of systems comprehension. Odd Strip Out is not loaded at all on its hypothesized CBC factor, but exhibits much of its variance on the behavioral-systems factor. It seems that understanding the systems in Odd Strip Out contributes most of the variance for this test.

Three of the four tests that use Ferd'nand cartoons, Missing Cartoons,

Odd Strip Out, and Cartoon Implications, are loaded on this factor. This

cluster might lead one to think that the CBS factor is essentially a Ferd'nand

dimension. However, the substantial, univocal loadings of two photographic

tests, Missing Pictures and Facial Situations, weakens such an interpretation.

It is more likely that factor CBS reflects a behavioral ability rather than

one based on format.

CBT Cognition of behavioral transformations

	Tests	Loading	ia
25.	Picture Exchange (CBT)	.51	
38.	Social Translations (CBT)	.51	(CBR .34)
9.	Expression Exchange (CBT)	.43	
2.	Cartoon Exchange (CBT)	.40	•
21.	Odd Strip Out (CBC)	. 34	(CBS .50)
7.	DAT Abstract Reasoning (CFR)	. 34	(CFR .66)
45.	Who Said It? (CBT)	. 32	

The hyperplane of this factor, identified as the hypothesized CBT factor,

is not as dense as simple structure would demand. The relatively large number of tests designed to measure it, and the consequent over-determination of the factor may be held partially accountable.

The five CBT tests include transformations of units (Expression Exchange, Who Said It?), relations (Social Translations), and systems (Cartoon Exchange, Picture Exchange). Comprehension of each of these product categories underlies comprehension of a transformation performed on it. Although attempts were made to control for it, some factor complexity was expected.

Three of the five behavioral-transformations tests have univocal and substantial loadings on this factor. Picture Exchange and Cartoon Exchange involve understanding a change or redefinition in the meaning of a social system. Expression Exchange is a measure of one's ability to cognize that the same gesture (an expressional unit) may convey many different emotional states. Since tests of both transformed units and transformed systems uniquely define this factor, it would seem that interpretation of this factor should reflect the fact that a transformation occurred, regardless of the product transformed.

Social Translations, in which the behavioral meaning of a verbal statement is redefined, also has a substantial loading on factor CBT. This loading is further evidence that the transformation, rather than the transformed
object, is the element common to the variables loaded on factor CBT.

Although the humor test, Who Said It?, did emerge on its hypothesized behavioral factor, its loading is minimal; this may be due to the test's low reliability.

The main loading of Odd Strip Out is on the CBS factor. A .34 loading on the behavioral-transformations factor may be traced to the test task. One must choose the one of three cartoon strips in which Ferd'nand behaves dif-

ferently than he does in the other two. In other words, the subject must cognize a change or transformation in Ferd nand's personality.

CBI Cognition of behavioral implications

	Tests	Loadings ,
4.	Cartoon Predictions (CBI)	.55
31.	Reflections (CBI)	.36 (CMR .35)
18.	Missing Cartoons (CBS)	.35 (CBS .52; CBU .41)
3.	¢artoon Implications (CBI)	.30 (CBS .41)

The highest and most univocal loading on the CBI factor is for the test, Cartoon Predictions, which was designed to test the consequences or predictions definition of behavioral implications. In discussing the CBS factor, it was suggested that although SI implications factors are usually defined to include both antecedents and consequents, behavioral-implications factors might more accurately be limited to behavioral predictions or foresight.

When the consequents are given and antecedents are to be determined, one end of a behavioral sequence may be justified against the other. This organization of a whole may be more appropriately considered a behavioral system.

Caution should be exercised in making an interpretation on the basis of essentially one test (Cartoon Predictions), but the CBI factor in this analysis is taken to reflect the ability to make predictions about others' behavior.

Reflections was designed to test the alternative CBI definition of behavioral sensitivity-to-problems. Reflections' loading on the semantic-relations factor, however, is as large as its behavioral loading. Although Reflections seems to measure some aspect of CBI, the scope of CBI was not fully explored in this analysis. Whether sensitivity-to-behavioral problems is a CBI aptitude is a question that must await further research.



DISCUSSION AND IMPLICATIONS

Some might disagree with our interpretation of the six new factors as representing dimensions in a domain called social or behavioral intelligence. Factor interpretation and naming is, of course, easily biased, and factor analysis provides only partial construct validation, at best. This study has demonstrated that tests hypothesized to measure behavioral cognition as defined by SI theory do not load on verbal or figural factors. This is one kind of discriminant validation (see also, Tenopyr, 1966; Jung, 1972; Hendricks et al., 1969).

havioral-cognition tests correlate with real-life criteria of social intelligence. Some preliminary evidence indicates that this is indeed the case. Shipe, Rosser, and Sidhu (1973) have found that some of the behavioral-cognition tests developed in this study, in combination with personality variables, correlate with peer preference. Behavioral cognition scores have been found to be related to IBM salesmen's success (Gershon, 1966) and ratings of probation officer trainees by their supervisors (Schwartz, 1968).

Although the stimuli used in the behavioral-cognition tests are highly schematic (drawings, cartoons, etc.) they do represent middle-class white Americans. As such, their applicability to non-white, non-middle-class groups should not be assumed. In a pilot study of 50 lower-class, high-school students, however, it was found (O'Sullivan, 1973) that black students who performed more poorly than white students on a vocabulary test did better on behavioral-cognition tests.

Given the need and demand on the part of government and student consumers for education to become more relevant, more related to life, the existence of factors such as those suggested by this study should not be over-



looked. The need for people to work with data, in Cross's (1974) terms, seems to be declining. On the other hand, social changes such as longer life spans, more rapid communication, greater urbanization, and more leisure time have provided a large number of people with the inclination and the opportunity to contemplate the quality of their lives and the nature of their relationships with the world and other people. The need for the abilities involved in working with people is clear. The factors suggested in this study are a beginning step toward conceptualizing these abilities and developing ways in which they may be improved.

SUMMARY

Given the need to develop social-cognitive abilities in today's students, this study proposed: (1) to demonstrate the existence of a factorial domain which could be called social intelligence or behavioral cognition; (2) to establish that this factorial domain includes the six factors of behavioral cognition predicted by the Structure of Intellect model; and (3) to provide reliable, factorially unique measures of these six behavioral-cognition factors.

In order to establish that the hypothesized behavioral-cognition factors define an area of intellectual ability that was previously undiscovered, marker tests for as many refenence factors as were thought germane were included in the test battery. Nine factors of semantic or verbal ability were measured, including three factors of creative thinking (DMU, DMT, CMI). Since many of the behavioral tests used visual stimuli, measures of three figural-ability factors were included as well.

The 18 obtained factors (12 reference factors, plus six behavioral factors) corresponded closely to the 18 factors hypothesized. Considering the highest, significant loading of each test, only four of the 47 tests used in

this analysis were not loaded as hypothesized. The 12 reference factors were easily identified. These reference dimensions were chosen to sample all known intellectual factors that might confound interpretation of the behavior— al factors. Therefore, the newly found behavioral—cognition factors may justifiably be said to reflect abilities separate from previously recognized intellectual abilities.

All six of the behavioral-cognition factors hypothesized were identified in this analysis, whereas no similar set of social intelligence dimensions had been discovered previously. The relevance of these factors for curriculum development as well as extra-academic competence was indicated.

REFERENCES

- Hill, North Carolina: University of North Carolina, 1951.
- ARGYLE, M. The psychology of interpersonal behavior (2nd ed.). London:
 Penguin Books, 1972.
- BANNISTER, C. Baby; a photographic inquiry into certain private opinions.

 New York: Simon & Schuster, 1950.
- BANNISTER, C. Senator, I'm glad you asked me that. Philadelphia: Edward Stern & Co., 1952.
- BENNETT, G.K., SEASHORE, H.G., & WESMAN, A.G. <u>Differential aptitude tests</u>

 (3rd ed.). New York: The Psychological Corporation, 1959.
- CLIFF, N. Orthogonal rotation to congruence. Psychometrika, 1966, 31, 33-42.
- CLINE, M.G. The influence of social context on the perception of faces.

 Journal of Personality, 1956, 25, 142-158.
- CROSS, K.P. Education for diversity: new forms for new functions. Paper presented at the National Conference on Higher Education, Chicago, 1974.
- ENGEN, T., LEVY, N., & SCHLOSBERG, H. A new series of facial expressions.

 American Psychologist, 1957, 12, 264-266.
- ENGEN, T., LEVY, N., & SCHLÖSBERG, H. The dimensional analysis of a new series of facial expressions. <u>Journal of Experimental Psychology</u>, 1958, 55, 454-458.
- GERSHON, A. Personal communication, April, 1966.
- GUILFORD, J.P. The nature of human intelligence. New York: McGraw-Hill,
- GUILFORD, J.P., & FRUCHTER, B. Fundamental statistics in psychology and education (5th ed.). New York: McGraw-Hill, 1973.
- HALSMAN, P. The Frenchman. New York: Simon & Schuster, 1949.

- HENDRICKS, M., GUILFORD, J.P., & HOEPFNER, R. Measuring creative social intelligence. Reports from the Psychological Laboratory, No. 42.

 Los Angeles: University of Southern California, 1969.
- HULIN, W.S., & KATZ, D. The Frois-Wittmann pictures of facial expression.

 Journal of Experimental Psychology, 1935, 18, 482-498.
- JUNG, P. Bezeihungen zwischen Tests der socialen Intelligenz zu verbaler

 Testintelligenz und soziometrischen Variablen. Diplomarbeit,

 Saarbrücken, 1972.
- KNAPP, R.H. Group and individual differences in the interpretation of diadic silhouttes. Paper presented at the meeting of the Western Psychological Association, Santa Monica, California, April 1963.
- KROUT, M.H. Autistic gestures: An experimental study in symbolic movement.

 Psychological Monographs, 1935, 46, No. 4 (Whole No. 208).
- LAMKE, T.A., & NELSON, M.J. The Henmon-Nelson tests of mental ability, Form A. New York: Houghton-Mifflin, 1957.
- LINDQUIST, E.F., & BLOOMERS, P. <u>Iowa tests of educational development</u>:

 <u>quantitative thinking</u>. Chicago: Science Research Associates, 1960.
- MIK. "Ferd nand" comic strip. New York: United Feature Syndicate, 1960, .

 1961, 1962, 1963, 1964.
- MESSICK, S., & DAMARIN, F. Cognitive styles and memory for faces. Princeton,

 New Jersey: Educational Testing Service, 1963.
- O'SULLIVAN, M., GUILFORD, J.P., & DE MILLE, R. The measurement of social intelligence. Reports from the Psychology Laboratory, No. 34.

 Los Angeles: University of Southern California, 1965.
- O'SULLIVAN, M., Black-white differences on tests of semantic, figural and behavioral-cognition abilities. Unpublished manuscript. University of San Francisco, 1973.

- PORTER, E.H., JR. An introduction to therapeutic counseling. New York:
 Houghton-Mifflin, 1950.
- PORTER, E.H., JR., & STREICH, E.R. <u>Learn to listen effectively</u>. Personal communication, 1963.
- ROGERS, C.R. Counseling and psychotherapy. New York: Houghton-Mifflin, 1942.
- SARBIN, T.R., & HARDYCK, C.D. Conformance in role perception as a personality variable. Journal of Consulting and Clinical Psychology, 1955,

 19, 109-111.
- SCHWARTZ, H. Personal communication, 1968.
- SHIPE, D., ROSSER, M., & SIDHU, B. Social intelligence, affiliation motivation, and interpersonal effectiveness in non-academic youth. Paper presented at the meeting of the American Psychological Association, Montreal, 1973.
- SNYDER, W.U. (Ed.) <u>Casebook of non-directive counseling</u>. New York: Houghton-Mifflin, 1947.
- TENOPYR, M. A factor-analytic study of symbolic-memory abilities. Unpublished doctoral dissertation, University of Southern California, 1966.
- THURSTONE, L.L. A factorial study of perception. <u>Psychometric Monographs</u>,
 No. 4. Chicago: University of Chicago Press, 1944.
- THORNDIKE, E.L. Intelligence and its uses. <u>Harper's Magazine</u>, 1920, <u>140</u>, 227-235.
- THORNDIKE, R.L. Factor analysis of social and abstract intelligence.

 > Journal of Educational Psychology, 1936, 27, 231-233.
- wilson, R.C., Guilford, J.P., Christensen, P.R., & Lewis, D.J. A factor-analytic study of creative-thinking abilities. Psychometrika, 1954; 19, 297-311.



- WEISGERBER, C.A. Accuracy of judging emotional expressions as related to college entrance test scores. <u>Journal of Social Psychology</u>, 1956, <u>44</u>, 233-239.
- WOODROW, H. The common factors in fifty-two mental tests. <u>Psychometrika</u>, 1939, <u>4</u>, 99-107.

Footnotes

- *. This study was conducted at the Aptitudes Research Project, University of Southern California, under Cooperative Research Project 1976 with the Office of Education, U. S. Department of Health, Education and Welfare. We wish to thank Richard de Mille, Lynn Rehm, Peter Plagens and Walter Gabrielson for their help in test development.
- 1. This entire paper, as well as supplementary material including sample items, scoring formulas, number of parts per test, working time allowed, the correlation matrix, rotated and unrotated factor matrices and target matrix have been depostied with the Tests and Measurement Center of ERIC document # Im 004 { 21.

Table | Means, Standard Deviations, Distributions, Scalings, and Reliabilities of Scores

			Standa rd	Form of	•	Re	liabili	ies d
$\overline{}$	Test Name and Code a	Mean	deviation	distributionb	Scaling C	к	S-B	h ²
1	./Cartoon Analogies CBR03A	13.5	2.7	N N		. 45	. 25	
*2	Cartoon Exchange CBT01A	14.6	5. 0	P	: C	. 84	. 81	
3	. Cartoon Implications CBIO1A	28. 2	3. 9	Ñ-	. •	. 75		
4	- Cartoon Predictions CBIO3A	22.6	3. 9	N-		. 79	. 70	•
.5	. Consequences - obvious (DMU) 🔇	22.7	6.6	P	С	,	. 77	٠.
6	Consequences - remote DMT03B	4. 5	3. 2	T+	Š		.60	
7	. DAT Abstract Reasoning (CFR)	79. 5	21.0	Ť-	Ď		.00	. 94
. 8	Expressions CBU01A	24. 1	3. 6	Ň	-	. 64	. 57	. 73
9	. Expression Exchange CBT04A	16.1	5. 5	ח	С	. 83	. 81	
10	Expression Grouping CBC04A	20.2	3.1 .	° N	•	. 62	. 58	
11	. Faces CBU02A	18.9	2.4	N .		. 37	. 39	
12	. Facial Situations CBS03A	16. 1	2.2	N-		. 31	. 24	
13	. Figure Matrix Test CFR02A	4.2	1.4	N		. 43	. 24	
14	Henmon-Nelson Vocabulary (CMU)	13.1	3.4	N		. 84	,	
15	. Hidden Figures NFT04A	8. 7	3. 1	N		. 72		
16	Inflections CBU04A	20.8	2. 4	N		. 26	. 26	
	ITED Quantitative Thinking (CMS)	79. 9	21.5	T-	Ð	. 20	. 20	٠,
18	Missing Cartoons CBS01A	21.9	3. 9	N-	b	~~	25	. 86
	Missing Pictures CBS04A	14.6	2. 7	N N		. 77	. 75	
20.	Mutilated Words CFU03A	11.9	3. 4			. 53	.48	
21.	Odd Strip Out CBC02A	12.8	2.4	N				. 45
22.	Penetration of Camouflage NFT02A	6.8		N-		. 60	. 53	
23.	Pertinent Questions CMI02B	11.7	2.5	N .				. 44
24.	Picture Arrangement NMS02B	6.8	2.5	N-	_			. 56
25.	Picture Exchange CBT03A	11.0	2.5	T-	D	. 21		
26.	Picture Exclusion CBC09A	13. 3	2.6	N .		. 43	. 38	
27.	Picture-Group Naming NMU03A	5. 2	2.5	N		. 34	. 35	
28.	Plot Titles - low quality. DMU05A		1.5	L		. 39		
29.	Plot Titles - high quality DMT01E	7.3	4.4	N++	C	•	. 53	•
30.	Questions II CBU03A	·6.4	3.5	. N++	Ċ		. 62	
31.	Reflections CBI04A	22.8	3. 1	N '		. 50	. 52	
	Seeing Problems CMI03A	- 10. 9 12. 1	2.6	N		. 43	. 45	
33.	Seeing Trends I NMU01A	4.6	3. 3 2. 6	N				. 53
34.	Şentence Order NMS03B	6.2	1.6	N.		• . 77		
35.	Ship Destination. Test CMS02B	23. 9		N	_	. 43		
36.	Silhouette Relations CBR05A	14. 1	9. 3	P	С			. 52
37.	Social Relations CBR02A	13.4	2.9 2.2	N		. 45	. 35	
38.	Social Translations CBT02A	13. 4 /. 17. 5	4.5	N		. 29	. 20	
39.	Sound Meaning CBC06A	23.4	2.0	N-		. 86	. 84	
40.	Stick Figure Opposites CBR04A	17.7		N.		. 36	. 29	
41.	Street Gestalt Completion CFU05A	11.5	3.6	N		. 65	.62 •	
42.	Verbal Analogies I CMR01B		2.6	Ņ				. 41
43.	Yerbal Classification CMC02B	8.9 28.4	2.0	, N-	•	. 50		
44.	Verbal Comprehension CMU02C	28.4· 14.1	7.2	P	C			. 70
45.	Who Said It? CBT05A		3.3	N	•	. 78		
46.	Word Classification CMC01A	13.2	2.2	'n			.21	
47.	Word Matrix Test CMR02A	11.6	2.0	N	-	. 38		
48.	Sex ,	6.6	1. 9	Ŋ		. 53		
		. 5	. 5					
49. 50	Sibling Status	, , 5	. 5		•	-		
50.	Socio-Economic Status	2,5	1.5	Ţ+	D			
51.	Mental Age (Henmon-Nelson)	22.3	4. 1	T-			•	
٦٤.	Chronological Age.	16.7	. 4	N .				

a In the code designation of tests, the first three letters refer to the hypothesized factor content of the test. Letters in parentheses represent the hypothesized factor content of tests without code numbers.

b The code for distribution forms is the following: N, normal; P, platykurtic; L, leptokurtic; T,

truncated; ____slight negative skew; +, slight positive skew; ++, strong positive skew.

The code for scaling of scores is the following: C, C-scaled; S, stanine-scaled; D, dichotomized at the median.

d The code for reliability estimates is the following: K, general Kuder-Richardson formula; S-B, Spearman-Brown estimate of whole-test reliability from inter-part correlations; h², communality as a lower-bound estimate of reliability.

Table 2

Loadings of Measures on Reference Factors

Note All loadings greater than .30 are	la	CFU - Cognition of figural units Street Gestalt Completion (CFU)	Pertinent Questions (CMI) Consequences - obvious (DMU)	<pre>CMI - Cognition of semantic implications Seeing Problems (CMI)</pre>	Ship Destination Test (CMS) Figure Matrix Test (CFR)	CMS - Cognition of semantic systems ITED Quantitative Thinking (CMS)	verbal Classification (CMC)		Cognition of	Word Classification (CMC) Sentence Order (NMS)	CMC - Cognition of semantic classes Verbal Classification (CMC)	Verbal Comprehension (CMU) Henmon-Nelson Vocabulary (CMU)	.CMU - Cognition of semantic units
indicated. Letters	.45 (NFT .34)	. 45	.41 .40 (DMU .45)	57	.37 .33 (CFR .37)	, 655	.35 (CBI .36)		}	.36 .30		.71 .65	,
ers in parentheses following the	Picture Arrangement (NMS).	NMS - Convergent production of semantic systems	Consequences - remote (DMT) Plot Titles - high quality (DMT)	DMT - Divergent production of semantic transformations	Plot Titles - low quality (DMU) Consequences - obvious (DMU)	DMU - Divergent production of semantic units	Mutilated Words (CFU)	Penetration of Camouflage (NFT)	NFT - Convergent production of figural transformations	Seeing Trends I (NMU) Picture-Group Naming (NMU)	NMU - Convergent production of semantic units	DAT Abstract Reasoning (CFR) Figure Matrix Test (CFR)	CFR - Cognition of figural relations,
	.67	. ,	. 69 . 43	•	.45			• 45	,	.37	17	.66	
	•	•		•	(CMI .40)		(CFU .45)	,	•			(CMS .	
	•		¥		40)			•				.34)	
	, ••	,				• 1	3 3				•		

non-univocal factor loadings.

, itestyname indicate the hypothesized factor content. Letters and numbers in parentheses indicate

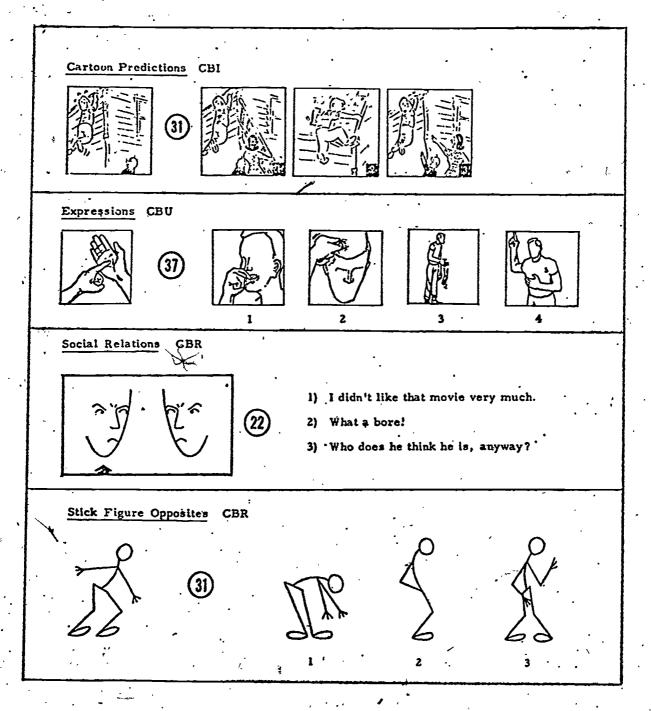


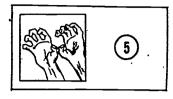
Fig. 1. Sample test items from the behavioral-cognition tests.

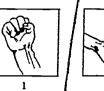
Items are reduced in size by more than 50 percent. The task for each test is given in the description of the experimental tests.

Description of Variables

Cartoon Analogies CBR03A. Which alternative expression is related to the third given expression in the same way the second given expression is to the first?











Answer: 3. Score: number of items right plus one-third of the number omitted. Parts: 2; items per part 2: 10/15, 12/15; working time: 10 minutes.

2. Cartoon Exchange CBT01A³. Which alternative, when substituted for the cartoon indicated by the arrow, will change the meaning of the story by changing the intentions of the characters?



Answer: 2.

Score. number of items right plus one-fourth of the number omitted.

Parts: 2, items per part: 12/13, 12/13, working time: 16 minutes.







3. Cartoon Implications CBIO1A. Which statement describes what happened before, or will happen after the situation shown?

The man recognized Ferd nand as a friend.

2. The salesman will bring a better fitting jacket.

3. The man will say how sorry he is.

4. The man was looking all over for Ferd'nand.



Answer: 3. Score: number of items right plus one-fourth of the number omitted. Parts: 2; items per part: 18/18, 16/18; working time: 12 minutes.

4. Cartoon Predictions CBIO3A. Which alternative situation can be predicted from the given one?









Answer: 1. Score: number of items right plus one-third of the number omitted. Parts: 2; items per part: 15/15, 14/15; working time: 8 minutes.

5. Consequences - obvious (DMU) 4. Write as many different results of an unusual situation as possible.

Score: one point for each response that would be a direct result of the given situation, including very general results. Parts: 4; items per part: 1; working time: 8 minutes.

Drawn and photographed stimuli are 25 to 50 per cent smaller than actual test size. Circled numbers are item numbers.

Numerator is the number of items scored per part, denominator, the number of items administered

Ferd nand cartoons in tests 2, 3, 18, and 21 used by permission of United Feature Syndicate.

ERĬC

Consequences remote DMT03B. Write as many different results of an unusual situation as possible.

Score one point for each response that indicates an indirect result or an uncommon adaptation to the given situation. Parts: 4; items per part: 1; working time: 8 minutes.

7. Differential Aptitude Test - Abstract Reasoning (CFR). Choose the one of five alternative figures that completes a four-figure series.

Score, number of items right minus one-fourth of the number wrong. Scores converted to nationally-normed percentiles. Parts: 1; items per part: 50; working time: 25 minutes.

8. Expressions CBU01A. Which alternative expresses the same thought, feeling, or intention as the given?













Answer: 4. Score: number of items right plus one-fourth of the number omitted. Parts: 2; items per part: 18/18, 14/18; working time: 10 minutes.

9. Expression Exchange CBT04A. Which alternative facial expression changes the meaning of the gesture?













Answer: '2. Score: number of items right plus one-third of the number omitted. Parts: 2; items per part: 14/15, 14/15; working time: 10 minutes.

10 Expression Grouping CBC04A. Which alternative expression belongs with the given group of expressions?















Answer: 1. Score: number of items right plus one-fourth of the number omitted. Parts: 2; items per part: 12/15, 14/15; working time: 10 minutes.

11 Faces CBU02A 5. Which man's face expresses the same feeling or intention as the woman's?











Answer: 4. Score: number of items right plus one-fourth of the number omitted. Parts: 2; items per part: 11/15, 14/15; working time: 8 minutes.

12. Facial Situations CBS03A. Which situation fits the expressions in both photographs?



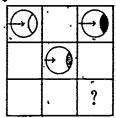


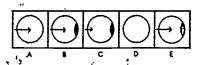
- 1. He has finally found a job.
 - 2. They are watching a beauty contest.
 - 3. The water is too cold for swimming.

Answer: 2. Score; number of items right plus one-third of the number omitted. Parts: 2; items per part: 11/15, 10/15; working time: 12 minutes.

⁵ Lightfoot and Frois-Wittman photographs used in tests 11, 12, and 36 obtained from the Brown University hoto Laboratory.

Figure Matrix CFR02A. Which alternative figure can be substituted for the question mark in the matrix?





Answer: C.

Score: number of items right plus one-third of the number omitted.

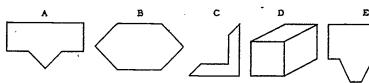
Parts: 1; items per part: 7/8; working time? 3 minutes.

Henmon-Nelson Vocabulary (CMU). Which alternative word has the same meaning as the given word? Which alternative correctly completes a given sentence? Items 10, 20, 24, 30, 36, 46, 50, 51, 55, 68, 71, 73, 75, 76, 79, 81, 83, 85, 87, and 89 of the Henmon-Nelson Tests of Mental Ability, Form A were scored as measures of the verbal-comprehension factor.

Score: number of items right plus one-fifth of the number omitted.

Parts: 1; items per part: 20/90; working time; 30 minutes.

15. Hidden Figures NFT04A. Which one of the Five Basic Figures is hidden in the sample item figure?



Sample item.



Answer: A. Score: number of items right minus one-fourth of the number wrong. Parts: 1; items per part: 15; working time: 3 minutes.

16 Inflections CBU04A (auditory). Which alternative facial expression goes with the inflection of a tape-recorded word or phrase? (Male and female items were alternated.)











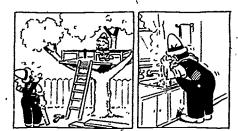


Score: number of items right. Parts. 2, items par part: 13/15, 14/15; working time: 12 minutes.

Iowa Tests of Educational Development - Quantitative Thinking (CMS). Solve a variety of mathematical problems.

Score: number of items right. Scores converted to nationally-normed percentiles. Parts: 1; items per part: 53; working time: 40 minutes.

CBS01A. Missing Cartoons Which alternative completes the cartoon strip, making sense of the thoughts and feelings of the characters?











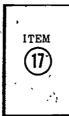




Answer: 4. Score: number of items right plus one-fourth of the number omitted. Parts: 2; items per part: 14; working time: 16 minutes.









Answer: 3.

Score: number of items right plus one-third of the number omitted.

Parts: 2, items per part: 11/14, 10/14, working time. 16 minutes.







Mutilated Words CFU03A 6. Identify words in which parts of each letter are missing.

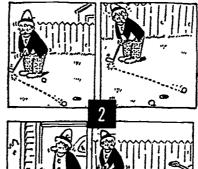
house

20.

Answer: house. Score: one point for each correct response. Parts: 1; items per part: 26; working time: 3 minutes.

21 Odd Strip Out CBC02A. In which situation does Ferd'nand respond differently than he does in the other two?







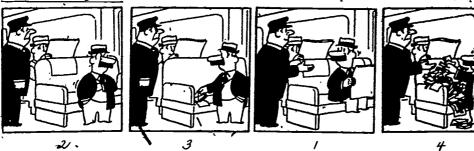
Answer: 2. Score: number of items right plus one-third of the number omitted. Parts: 2; items per part: 9/10, 8/10; working time: 12 minutes.

- 22. Penetration of Camouflage NFT02A? Circle the human faces camouflaged in the lines of a realistic drawing.

 Score, one point for each correct response. Parts. 1, items for part: 13, working time: 2 minutes.
- Pertinent Questions CMI02B. Write four questions the answers to which would serve as a basis for making a decision in a given situation.

Score. one point for each correct response. Parts: 1, items per part: 4, working time: 6 minutes.

24. Picture Arrangement NMS02B 8. Reorder a cartoon strip so that it makes temporal sense.



Score: one point for each completely correct ordering. Parts. 1, items per part. 8, working time. 3 minutes.

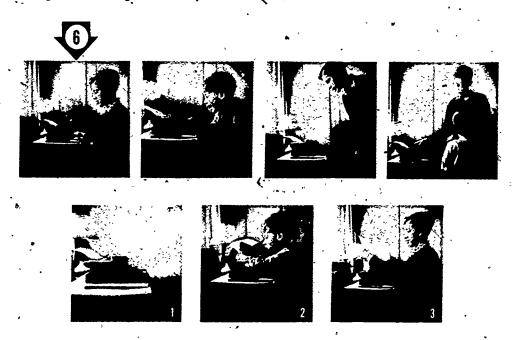
⁸Adapted by permission from Dorothy C. Adkins' adaptation of Press Features' cartoon strip LOUIE.



^{·6} Tests 20, 41, and 43 were adapted by permission from tests by L. L. Thurstone.

⁷ Adapted by permission from the Army Air Force test of the same name.

Picture Exchange CBT03A. Which alternative, when substituted for the picture indicated by the arrow, will change the meaning of the story?



Answer: 2. Score: number of items right plus one-third of the number omitted. Parts: 2; items per part: 9/12, 9/12; working time: 16 minutes.

26 Picture Exclusion CBC05A. Which photographed expression does not belong with the other three?



Answer: 3. Score: number of items right plus one-fourth of the number omitted. Parts: 2; items per part: 10/15; 11/15; working time: 10 minutes.

27. Picture-Group Naming NMU03A 9. Write a class name for five pictured objects.



living things

Score: one point for each correct response. Parts: 1, items per part: 9, working time: 2 minutes.

28. Plot Titles - low quality DMU05A. Write as many appropriate titles as possible for a given short story (Part 1).

Write as many clever titles as possible for a second short story (Part 2).

Score: one point for each title that is relevant but not remote or clever. Parts: 2; items per part: 1; working time: 7 minutes.

29. Plot Titles high quality DMT01E. Write as many appropriate titles as possible for a given—short story (Part 1).

Write as many <u>clever</u> titles as possible for a second short story (Part 2).

Score: one point for each title that is especially succinct or clever, or that indicates a reinterpretation of the plot. Parts: 2; items per part: 1; working time: 7 minutes.

ERIC

⁹ Tests 27 and 34 were adapted by permission of the University of North Carolina and the Office of the Adjutant neral.

Questions II CBU03A 10. Which question might result in the p(ctured expression?



- Can you remember the first line of the Constitution?
- Don't you think that girl's short skirt is a scandal?
- Isn't that your wife's car?
- Did you enjoy your vacation?

'Answer: 2. Score: number of items right plus one-fourth of the items omitted. Parts: 2; items per part: 15; working time: 12 minutes.

Reflections CBI04A (auditory) 11. Which alternative statement expresses the attitude or feeling underlying the given statement?

Sample Item 8.

"I'm just wondering how I'll act - I mean how things will turn out."

- She's looking forward to it.
- She's worried about it.
- She's interested in how things will work out.

Answer: 2. Score number of items right. Parts: 3, items per part: 6/7, 5/7, 7/7, working time. 10 minutes.

Seeing Problems CMI03A. Write as many as five problems connected with a common object.

Sample item.

Answers: 1.

cow

horse

elephant

I from folling over

Score: one point for each problem concerned with the use, shape, or composition of the given object. Parts: 1; items per part: 5; working time: 3 minutes.

33. Seeing Trends I NMU01A. Identify the meaningful trend in a group of words.

animals become.

Score: one point for each correct response. Parts: 1, items per part: 10; Working time: 3 minutes.

Sentence Order NMS03B. Arrange three sentences in a meaningful order.

She bought some food at the market.

She returned home and cooked some of the food she had bought.

She went to the market.

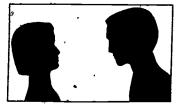
Score: one point for each completely correct ordering. Parts. - 1, items per part 10, working time. 3 minutes.

35. Ship Destination Test CMS02B. Find the distance of a ship to a port, taking into account the influence of an in creasing number of variables.

Score: number of items right minus one-fourth of the number wrong.

Parts: 1; items per part: 48; working time: 8 minutes.

Silhouette Relations CBR05A12. Which photograph expresses the individual's feeling or intention in the silhouette relationship? In part one of the test, the alternative pictures are of men. In part two, they are of women.









Answer: 1. Score: number of items right plus one-third of the number omitted. Parts: 2; items per part: 11/15, 12/15; working time: 10 minutes.

10 Fernandel photographs used by permission of Phillippe Halsman.

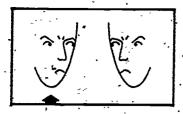
11 Items adapted by permission from material of E. H. Porter, Jr., C.R. Rogers, W.U. Snyder, and E.R. Streich.

Shhouettes adapted by permission of R. H. K



36

Social Relations CBR02A¹³ Which statement expresses the feeling of the face indicated by the arrow, taking into account the relationship between the faces?



. •

- 1) I didn't like that movie very much.
- 2) What a bore!
- 3) Who does he think he is, anyway?

Answer: 3. Score: number of items right plus one-third of the number omitted. Parts: 3: items per part: 5/7, 7/7, 7/7; working time: 6 minutes.

38. Social Translations CBT02A. Between which alternative pair will the given statement have a different intention or meaning?

parent to child

"I don't think so. '

- 1) teacher to student
- -2)
- 2) student to teacher3) student to student

Answer: 2. Score: number of items right plus one-third of the number omitted. Parts: 2; items per part: 11/12, 12/12; working time: 8 minutes.

39. Sound Meaning CBC06A (auditory). Which one of four words is the best name for a group of three expressive

Score: number of items right. Parts. 2; items per part: 14/15, 13/15; working time: 14 minutes.

40 Stick Figure Opposites CBR04A. Which stick figure expresses a feeling or intention opposite that of the given one?









Answer: 2. Score: number of items right plus one-third of the number omitted. Parts: 2; items per part: 12/15, 13/15; working time: 8 minutes.

41. Street Gestalt Completion CFU05A. Identify pictured objects having missing parts.



Answer: rabbit.

Score: one point for each correct response.

Parts: 1; items per part: 24; working time: 3 minutes.

42. Verbal Analogies I CMR01B. Which alternative is related to the third given word in the same way that the second given word is to the first?

CLOTH : DYE as HOUSE : ?

A. shade

paint

C. brushD. wood.

Answer: B. Score: number of items right plus one-fourth of the number omitted. Parts: I; items per part: 12/15; working time: 4 minutes.

43. Verbal Classification CMC02B. Given two classes of four words each, decide whether each of eight different words belongs to one class or the other or to neither.

COW
HORSE
GOAT
DOG
Tere
Tocker

dresser

Score: number of items right minus one-half of the number wrong. Parts: 1; items per part: 5; working time: 4 minutes.

13 Faces adapted by permission of R. H. Knapp.

Verbal Comprehension CMU02C (Guilford Zimmerman Aptitude Survey, Part I). Which one of flye alternatives has the same meaning as a given word?

Score: number of items right plus one-fifth of the number omitted. Parts: 1; items per part: 22/24; working time: 4 minutes.

Who Said It? CBT05A14. Which baby's expression fits the caption?

Item 7. Another martini? Oh, I really don't think I should.









Answer: 3. Score: number of items right plus one-fourth of the number omitted. Parts: 2; items per part: 10/12, 10/12; working time: 8 minutes.

Word Classification CMC01A. Which word does not belong with the others?

man

Answer: D. Score: Jumber of items right plus one-fourth of the number omitted. Parts: 1; items per part: 16/20; working time: 4 minutes.

Word Matrix Test CMR02A. Which alternative completes the matrix?

automobile

- A. airplane
- D. balloon
- B. bird
- E. cloud

Answer: A. Score: number of items right. Parts. 1, items per part. 10, working time: 3 1/2 minutes.

- 48. Sex. Females were assigned the code value 0; males, 1.
- 49. Sibling Status. Only and oldest children were coded 0; others were coded 1.
- 50. Socio Economic Status. Hollingshead's seven-point Socio-Economic Factor index was used as follows. 1, executives and major professionals, 2, managers and lesser professionals, 3, administrative personnel and semiprofessionals, 4, clerical workers and technicians, 5, skilled manual employees, 6, semi-skilled employees, 7, unskilled employees.
- Mental Age (Henmon-Nelson). This "score" was determined in the manner described in the Henmon-Nelson 51. Tests of Mental Ability, Form A manual.
- 52. Chronological Age. Each examinee's age at the time of testing was determined to the nearest month.

 $^{^{14}}$ Baby photographs used by permission of Constance Bannister.



¥	ariables		1 .	2 3	4	5	6 7	, 8		ío	"IL"	12	11	14	15	Íò	17	18	10	25	21
	Sartuon Analogies		21		26		01 28			34	15	23	60	18	11	25	12	29	21	-	30
2. C	Artoon Exchange .		21	32	29	02	16 48	3 33	.25	28	09	22	30	38	32	18	53	43	29	17,	40
	Carroon Implications Cartoon Predictions		35 3. 26 29		40		15 44 07 30		26 16	47 35	22 07	29 -25	24 26	47 31	30 26	32 19	42 37	61 45	41 32		51 36
	onsequences - obvious		8 0		13		00 07		03	őś	08	19^	05	07	10	11	10	_06~	07	63	60
	onsequences - remote	-(07	00	07		08	16		-	-01	19	07	04	Ž	-02	05		-35-
	IAT Abstract Reasoning		28 48 28 33		30 32		97 11 :4	34	24 21	28 51	·01	16 20	32 25	43 32	55 21	18 33	48 33	47 49	14 32		40 4:
- :	* ?*** on Excharge		:	2.	10				,7	27	::	0÷	17.	24 17	17	14	21	25 45	25	`2	••
11. F	Aces		5 09	_	07		04 -01		07	24	<u> </u>	19	<u>'°</u> 16	04	01	21	11	24			16
	acial Situations Igure Alatrix Test	2	21 22	29	25 26	19 -	02 16 01 32	20	05 10	31	19	13	13	15 31	11	23 08	11	20 30	26 21	11	24
14. H	lenmon-Nelson Vocabulary		8 38		31		19 43		34	26 27	16 04	15	31	31	36	25	58	41	29		30 43
	lidden Figures.	_	4 32 5 18		<u>26</u> 19		07 55 04 18		17	20 36	01 21	23	35 08	36 25	14	_14	47 22	32	22 30		31
	FED Quantitative Thinking		2 53		37		24 48		23	29	11	11	44	58	47	22	22	46	26		30 40
	fissing Cartoons fissing Pictures		9 45		45		07 47 06 14		2\$ 25	40 37	24	20	30	41	32	37 30	46 26	40	.40		60,
	lutilated Words		0 17		52 20		02 23 02 23		06		-01	26 13	21 12	29	22 32	55	23	22	19		46 23
	da Strip Out enetration of Camoullage	-	0 40 7 25		38		05 10		3 Í 0 7	38	18	24	30	43	31	30 18	40 39	00	48	23	
	ertinent Questions	-	7 34		20 24		17 24 38 2 8		19	23 · 28	-03 14	11 16	25 15	32 28	27 28	19	44	29 26	16 21		22` 24
	icture Arrangement		6 17		19		14 22		26 29			00.	25	27	18	18	35	37			25 41
	icture Exclusion		4 37 5 22		40 16		<u>11 }2</u> 05 27		15	49 29	<u>14</u> 06	15 10	10 05	<u> 39</u> 20	14	<u>26</u> 15	10	18	31		21
	icture-Group Naming		4 25		26		26 28		15	23		06	16	37	21	14	26	24			28
	lot Titles - low quality lot Titles - high quality	-0 0			00 17		09 -13 42 20		-12	-02 ·		-08 14	08 - 13	-06 ·	-06 -	-13 13	03 28	-17 27	-06 -		-38 24
30 Q:	uestions II	2	1 30	40	18	98 -0)	.18	20	21	14	20	14	30	21	25	34	35	25	15	31
	eflections reing Problems		7 32 7 13		30 15		10) 29 29 15		32 13	36 26		19 13	26 02	40 28 -	19	18 20	37 25	33 18			ۆد 15
33. Se	eeing Trends I	0	1 25	14	12	08 (35	16	ļī	14	11	09	18	31	33	17	38	-27	02	25	17
	entence Order nip Destination Test	2 1	3 29 7 34		18 30		04 ° 25	18 25	26 23	18 20	11	09 10	14	44	24 43	18 17	37 _59_	29 36			30 31
36. St	Ihouette Relations	1	3 14	23	17		2 18	16	15	33		21	09	16	13	12	20	25			25
38. So	ocial Relations ocial Translations	2		20 31	23 20		12 40	1 1 34	18 36	15 22		12 15	13 14	21 39	09 24 -	09 20	23 33	11 33			14 41
39. So	ound Meaning	2					3 26		26	24		12	24	34	15	14	32	26			26
41. St	reet Gestalt Completion			27 28	28		14 23	26	18	28		17	15 08	28 25	23	16 23	16	33	17	28 .	33° 23°
	erbal Analogies I erbal Classification	> 1					5 41	28	24	30			-32	50	33	18	47	34			42
44. Ve	erbal Comprehension	2 1	5 40	41	31 26	02 1	11 48 18 39	26 40	23 28	29 30	08	20	27 29	53 78	31	32 27	53 56	41 43	23	24	33 39
	ho Said It? ord Classification	0		19	24		04 18 07 48	35	15	12 32		13	23	17	07 28	19 22 -	15 - 41	34		17	12
47. W	ord Matrix Test	1	5 37	35	31 1	1 10	6' 51	39	28	36	11	19	27	48	, 30	23	61	41	24	13	30 34
48. Se:	x ' bling Status	-1 0	7 07 2 -04	-03 00		-21 l -03 -1	2 -01 8 00		-08 -					-02 ` -03		-03 08 -	24 -11	01 -	-07 02 -		05
<u>50. So</u>	cio-economic Status	-0	-18	-08	-14.	05 -1	0 -15	-19	-04 -	<u>- 1'3 </u>	-03 -	05 -	- 10	-21 -	-11 -	-01 -	-12 -	-16 -	-03	93 -	11
	ental Age (Henmon-Nelson) hronological Age	20 -20		46 -17	35 -19 -		0 38	-06	32 -09 -			15 10 -	32 • 11 •	83. - 24		-24 -14 -	-18 -	-17 -			41
===				_	_			_		_			,	=	=	=	_	=	_		Ė
22 23								• •						_						51	52
	3 24 25 26 27 28 29	30 31 3.	2 33	34	35	36 3	38	39	40	41	42	43	44	45	4ó	47	48	49	50	21	
17 17	7 16 24 25 04 -01 01	21 17 1	7 01	23	17	13 Z	1 22	22	20	15	17	20	15	07	14	15 -	-17	02	-08	20 -	-20
17 17 25 34 28 28	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24		7 01 3 25	23 29	- -	13 2 14 1	21 22 17 31 20 31	22 23 29			17 35					15 ·	-17	02 -04		20 - 45 -	
17 17 25 34 28 28 20 24	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17	21 17 1 30 32 1 40 26 2 18 30 1	7 01 3 25 4 14 5 12	23 29 33 18	17 34 35 30	13 2 14 1 23 2 17 2	21 22 17 31 20 31 23 20	22 23 29 17	20 19 27 15	15 11 28 28	17 35 36 20	20 30 36 31	15 40 41 26	07 13 19 17	14 34 37 24	15 · 37 35 · 31	-17 07 -03 01	02 -04 00 00	-08 -18 -08 -14	20 - 45 - 46 - 35 -	-20 -13 -17 -19
17 17 25 34 28 28 20 24 08 29 17 38	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 26 15 3 14 11 03 26 09 42 -	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2	7 01 3 25 4 14 5 12 9 08 9 07	23 29 33 18 -02	17 34 35 30 14	13 2 14 1 23 2 17 2 07 -0	21 22 17 31 20 31 23 20 04 11	22 23 29 17 -02	20 19 27 15 00	15 11 28 28 07	17 35 36 20 -06	20 30 36 31 04	15 40 41 26 02	07 13 19 17 07	14 34 37 24 10	15 · 37 · 35 · 31 · 01 · 16	-17 07 -03 01 -21	02 -04 00 00 -03	-08 -18 -08 -14 -05 -10	20 - 45 - 46 - 35 - 09 -	-20 -13 -17 -19 -04
17 17 25 34 28 28 20 24 08 29 17 38 24 28	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 26 15 1 14 11 05 26 09 42 - 3 22 32 27 28 -13 20	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2 28 29 1	7 01 3 25 4 14 5 12 9 08 9 07 5 35	23 29 33 18 -02 04 25	17 34 35 30 14	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1	21 22 17 31 20 31 23 20 04 11 01 12 15 \40	22 23 29 17 -02	20 19 27 15 00 07	15 11 28 28 07 -	17 35 36 20 -06	20 30 36 31 04	15 40 41 26 02 18 39	07 13 19 17 07	14 34 37 24 10	15 · 37 · 35 · 31 · 01 · 16 · 51 · ·	-17 07 -03 01 -21 12	02 -04 00 00 -03 -18	-08 -18 -08 -14 -05 -10 -15	20 - 45 - 46 - 35 - 09 - 20 -	-20 -13 -17 -19 -04 -04
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 26 15 3 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2 28 29 1 18 33 20 20 32 1	7 01 3 25 4 14 5 12 9 08 9 07 5 35 0 16 3 11	23 29 33 18 -02 04 25 18 26	17 34 35 30 14 10 49 25 23	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1	21 22 17 31 20 31 23 20 04 11 01 12 15 \40 11 34 18 36	22 23 29 17 -02 13 26 26 26	20 19 27 15 00 07 17 29	15 11 28 28 07 14 23 26 12	17 35 36 20 -06 15 41 28 24	20 30 36 31 04 11 48 26 23	15 40 41 26 02 18 39 40 23	07 13 19 17 07 04 18 12 15	14 34 37 24 10 07 48 35	15 - 37 - 35 - 31 - 01 - 16 - 51 - 39 - 28 -	-17 07 -03 01 -21 12 -01 01	02 -04 00 00 -03 -18 -06 -01	-08 -18 -08 -14 -05 -10 -15 -19 -04	20 - 45 - 46 - 35 - 09 - 20 - 38 - 33 - 32 -	-20 -13 -17 -19 -04 -04 -18 -06
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 26 15 3 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2 28 29 1 18 33 2 20 32 1 21 36 2	7 01 3 25 4 14 5 12 9 08 9 07 5 35 0 16 3 11 6 14	23 29 33 18 -02 04 25 18 26 18	17 34 35 30 14 10 49 25 23 20	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1	21 22 17 31 20 31 23 20 04 11 01 12 15 \40 11 34 18 36 15 22	22 23 29 17 -02 13 26 26 26 24	20 19 27 15 00 07 17 29 318 28	15 11 28 28 07 14 23 26 12 23	17 35 36 20 -06 15 41 28 24 30	20 30 36 31 04 11 48 26 23 29	15 40 41 26 02 18 39 40 28 30	07 13 19 17 07 04 18 12 15	14 34 37 24 10 07 48 35 17	15 - 37 - 35 - 31 - 01 - 16 - 51 - 39 - 28 - 36 -	-17 07 -03 01 -21 12 -01 01 -08 -08	02 -04 00 00 -03 -18 00 -04 -03	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13	20 - 45 - 46 - 35 - 09 - 20 - 38 - 33 - 32 - 32 -	-20 -13 -17 -19 -04 -04 -18 -06 -09 -08
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14 11 16	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2 28 29 1 18 33 2 20 32 1 21 36 2 14 09 1	7 01 3 25 4 14 5 12 9 08 9 07 5 35 0 16 3 11 6 14 6 11 3 09	23 29 33 18 -02 04 25 18 26 18	17 34 35 30 14 10 49 25 23 20	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1 09 1 21 1	21 22 17 31 20 31 23 20 24 11 21 12 5 40 11 34 8 36 5 22 14 18 2 15	22 23 29 17 -02 13 26 26 26 24	20 19 27 15 00 07 17 29 18 28 20	15 11 28 28 07 14 23 26 12 23 -02	17 35 36 20 -06 15 41 28 24 30	20 30 36 31 04 11 48 26 23 29 15	15 40 41 26 02 18 39 40 23 30 08 20	07 13 19 17 07 04 18 12 15 12	11 34 37 24 10 07 48 35 17 12	15 37 35 31 01 - 16 51 39 28 36 31 19 -	-17 07 -03 01 -21 12 -01 01 -08 -03 -17 -12	02 -04 00 00 -03 -18 00 -04 -03 02	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03	20 - 45 - 46 - 35 - 09 - 38 - 33 - 32 - 15 -	-20 -13 -17 -19 -04 -04 -18 -06 -09 -08
17 17 25 34 28 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 26 15 3 14 11 03 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 1 21 40 29 23 -03 35 1 05 14 06 03 -01 07 0 00 15 10 06 -08 14 25 30 05 16 08 13	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2 28 29 1 18 33 20 20 32 1 21 36 20 14 09 10	7 01 3 25 4 14 5 12 9 08 9 07 5 35 0 16 3 11 6 14 5 11 3 09 2 18	23 29 33 18 -02 04 25 18 26 18	17 34 35 30 14 10 49 25 23 20	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1 09 1 21 1	21 22 17 31 20 31 23 20 34 11 11 12 15 40 18 36 18 36 18 36 18 31 18 2 15 3 14	22 23 29 17 -02 13 26 26 26 24	20 19 27 15 00 07 17 29 18 28 20	15 11 28 28 07 14 23 26 12 23 -02 17 08	17 35 36 20 -06 15 41 28 24 30 10 16 32	20 30 36 31 04 11 48 26 23 29 15 10 27	15 40 41 26 02 18 39 40 23 30 08 20 29	07 13 19 17 07 04 18 12 15 12 02 13 09	14 34 37 24 10 07 48 35 17 32	15 37 35 31 01 - 16 51 39 28 36 31 19 -	-17 07 -03 01 -21 12 -01 01 -08 -03 -17 -12 06	02 -04 00 00 -03 -18 00 -04 -03 02	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -05 -10	20 - 45 - 46 - 35 - 09 - 20 - 38 - 33 - 32 - 32 -	-20 -13 -17 -19 -04 -18 -06 -09 -08 -11 -10
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14 11 16 25 15 32 28 27 28	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 12 27 39 20 37 -06 36 18 29 14 21 -06 19	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2 28 29 1 18 33 2 20 32 1 21 36 2 21 14 09 16 26 03 30 40 22 21 19 1	7 013 254 1455 1299 0889 0755 3550 1666 14465 1133 092 1888 3155 33	23 29 33 18 -02 04 25 18 26 18 11 09 14 44 24	17 34 35 30 14 10 49 25 23 20 12 10 31 40 43	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1 09 1 21 1 09 1 16 2 13 0	21 22 17 31 20 31 23 20 31 12 15 40 11 12 15 40 11 8 36 5 22 14 18 22 15 31 39 9 24	22 23 29 17 -02 13 26 26 26 24 14 12 24 34 15	20 19 27 15 00 07 17 29 318 28 20 -	15 11 28 28 07 14 23 26 12 23 -02 17 08 25 23	17 35 36 20 -06 15 41 28 24 30 10 16 32 50 33	20 30 36 31 04 11 48 26 23 29 15 10 27 53	15 40 41 26 02 18 39 40 23 30 08 20 29 78 31	07 13 19 17 07 04 18 12 15 12 02 13 09 17	14 34 37 24 10 07 48 35 17 12 14 19 23 48 28	15 37 35 31 01 16 51 39 28 36 11 19 27 48	-17 07 -03 01 -21 12 -01 01 -08 -03 -17 -12 06 -02	02 -04 00 00 -03 -18 00 -04 -03 02 02 00 94 -03	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -05 -10 -21 -11	20 - 45 - 46 - 35 - 09 - 38 - 32 - 32 - 15 - 32 - 83 - 43 -	20 -13 -17 -19 -04 -04 -18 -06 -09 -11 -10 -11 -15
17 17 25 34 28 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14 11 16 25 15 15 32 28 18 19 39 44	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 26 15 3 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 4 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 26 15 14 -13 13 35 43 10 26 03 28	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 10 2 28 29 1 18 33 2 22 32 1 21 36 2 14 09 1 20 19 1 14 26 3 30 40 2 30 32 1	7 013 254 1455 1299 0889 0755 3550 1666 14455 1133 092 188 8 3155 33	23 29 33 18 -02 04 25 18 26 18 11 09 14	17 34 35 30 14 10 49 25 23 20 12 10 31 40	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1 09 1 21 1 09 1 16 2 13 0 12 0	21 22 17 31 20 31 23 20 34 11 11 12 5 40 11 34 18 32 14 18 22 15 3 14	22 23 29 17 -02 13 26 26 26 24 14 12 24 34	20 19 27 15 00 07 17 29 318 28 20 -14 15 28 16	15 11 28 28 07 14 23 26 12 23 -02 17 08 25 23	17 35 36 20 -06 15 41 28 24 30 10 16 32 50 33	20 30 36 31 04 11 48 26 23 29 15 10 27 53 38	15 40 41 26 02 18 39 40 23 30 08 20 29 78	07 13 19 17 07 04 18 12 15 12 02 13 09 17	14 34 37 24 10 07 48 35 17 32 14 19 23 48 28	15 37 35 31 01 - 16 51 39 28 36 - 11 - 27 48 -	-17 07 -03 01 -21 12 -01 01 -08 -03 -17 -12 06 -02 04 -03	02 -04 00 00 -03 -18 00 -04 -03 02 02 00 04 -03	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -05 -10 -21 -11	20 - 45 - 46 - 35 - 09 - 38 - 33 - 32 - 15 - 32 - 83 -	20 -13 -17 -19 -04 -04 -18 -06 -09 -08 -11 -10 -11 -15 -15
17 17 25 34 28 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14 11 16 25 15 32 28 27 28 18 19 39 44 29 26	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 06 15 1 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27	21 17 1 30 32 1 40 26 2 18 30 10 2 18 30 10 2 28 29 11 18 33 21 20 32 1 21 16 20 11 26 00 30 40 2 11 19 11 25 18 20 34 37 23 35 33 18	7 013 254 14 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	23 29 33 18 -02 04 25 18 26 18 11 09 14 44 41 18 37 29	17 34 35 30 14 10 49 25 23 20 12 10 31 40 43 17 59 36	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1 09 1 21 1 09 1 16 2 13 0 12 0 20 2 20 2 25 1	21 22 3 1 3 20 0 4 11 12 15 40 15 5 22 14 18 36 15 22 14 18 11 39 19 34 19 20 33 33 33 1 33	22 23 29 17 -02 13 26 26 26 24 14 12 24 34 15 14 32 26	20 19 27 15 00 07 17 29 28 20 14 15 28 16 16 30 29	15 11 28 28 07 14 23 26 12 23 -02 17 08 25 23 23 23 23 23 23 23 33	17 35 36 20 -06 15 41 28 24 30 10 16 32 50 33 18 47 34	20 30 36 31 04 11 48 26 23 29 15 10 27 53 38 32 53 41	15 40 41 26 02 18 39 40 28 30 08 20 29 78 31 27 56 43	07 13 19 17 07 04 18 12 15 12 02 13 09 17 07	14 34 37 24 10 07 48 35 17 32 14 19 23 48 28 22 41 34	15 37 35 31 01 16 51 39 28 36 11 27 48 30 23 61 41	-17 07 -03 01 -21 12 -01 01 -08 -03 -17 -12 06 -02 04 -03 24 01	02 -04 00 -03 -18 -03 -04 -03 -02 02 00 -04 -03 -11 -06	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -05 -10 -21 -11 -01	20 - 45 - 46 - 35 - 20 - 38 - 32 - 15 - 32 - 32 - 44 -	-20 -13 -17 -19 -04 -18 -06 -09 -28 -11 -15 -15 -16 -17
17 17 25 34 28 28 28 29 26 24 28 29 24 28 24 28 24 28 23 21 07 19 23 28 -03 14 11 16 25 15 15 32 28 27 28 18 19 39 44 29 26 16 21 29 12	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 03 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 1 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 12 -09 19 18 24 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -04 13	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2 28 29 1 18 33 2 20 32 1 21 36 2 14 09 16 22 1 19 12 24 36 32 30 40 26 21 19 12 25 18 37 26 34 37 26 34 37 26 35 33 16 25 26 08 08	7 01 3 25 4 14 5 12 9 08 9 07 5 35 0 16 3 11 6 11 5 11 3 09 2 18 8 31 7 38 8 37 7 38 8 27 8 25	23 29 33 18 -02 04 25 18 26 18 11 09 14 44 24 18 37 29 27 17	17 34 35 30 14 10 49 25 23 20 12 11 10 31 40 43 17 59 36 25 27	13 2 14 1 23 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1 09 1 21 1 16 2 11 09 1 16 2 11 09 1 12 0 20 2 25 1 18 1 01 0	21 22 21 31 20 31 12 32 00 4 11 12 15 15 15 15 15 15 15 15 15 15 15 15 15	22 23 29 17 -02 13 26 26 26 24 14 12 24 34 15 14 32 26 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	20 19 27 15 00 07 17 29 28 20 14 15 28 16 30 29 21 15	15 11 28 28 07 14 23 26 12 23 -02 17 08 25 23 16 33 17 28	17 35 36 20 -06 15 41 28 24 30 10 16 32 50 33 18 47 34 29 20	20 30 36 31 04 48 22 23 29 15 10 27 53 38 32 32 41 27 28	15 40 41 26 02 18 39 40 23 30 08 20 29 78 31 27 56 43 23 23	07 13 19 17 07 04 18 12 15 12 02 13 09 17 07	14 34 37 24 10 07 48 35 17 12 14 19 23 48 28 22 41 34 27 11	15 - 37 - 35 - 31 - 16 - 51 - 3 - 36 - 11 - 27 - 48 - 30 - 23 - 61 - 41 - 24 - 13	-17 07 -03 01 -21 -21 -01 01 -08 -03 -17 -12 06 -02 04 -02 04 -07 01	02 -04 00 00 -03 -18 00 -04 -03 02 00 04 -03 04 -03 04 -03 04 -03 04 -03 04 -03 04 -03 04 -03 06 06 06 06 06 06 06 06 06 06 06 06 06	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -05 -10 -21 -11 -01 -12 -03 -03	20 - 46 - 35 - 35 - 33 - 33 - 32 - 32 - 32 - 33 - 43 - 44 - 44 - 44 - 26 -	-20 -13 -17 -19 -04 -04 -18 -06 -09 -11 -15 -17 -05 -16
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14 11 16 25 15 32 28 18 19 39 44 29 26 16 21 29 12	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 26 15 1 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24	21 17 1 30 32 1 40 26 2 18 30 1 20 28 29 1 18 33 2 21 36 2 21 14 09 1 14 26 0 30 40 2 21 19 1 25 18 20 31 37 36 35 37 36 35 37 36 35 37 36 35 37 36 36 66 37 37 36 38 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 3	7 013 25 4 14 5 12 9 08 9 07 5 35 0 16 6 3 11 6 11 3 09 2 18 8 3 3 7 5 38 3 27 5 38 3 27 5 38 5 17	23 29 33 18 -02 04 25 18 26 18 11 09 14 44 24 18 37 29 27 17	17 34 35 30 14 10 49 25 23 20 12 10 43 17 59 36 25 27 31	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1 09 1 21 1 16 2 13 0 16 2 113 0 20 2 25 1 18 1 09 0 10 0 20 1	21 22 10 31 20 31 20 32 32 32 32 32 32 32 33 33 33 33 33 34 31 33 4 4 41	22 23 29 17 -02 13 26 26 26 26 24 14 12 24 34 15 14 32 26 26 27 27 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	20 19 27 15 00 07 17 29 28 28 14 15 28 16 30 29 21 15	15 11 28 28 07 14 23 26 12 23 -02 17 08 25 23 23 16 33 17 28 23	17 35 36 20 -06 15 41 28 24 30 10 16 32 50 33 18 47 34 29 20	20 30 36 31 04 11 48 26 23 29 15 10 27 53 38 32 53 41 27 78	15 40 41 26 02 18 39 40 23 30 08 20 29 78 31 27 56 43 23 23 23 23 23	07 13 19 17 07 04 18 12 15 12 13 09 17 07 19 15 11 10 8 17	14 34 37 24 10 07 48 35 17 32 14 19 23 48 28 22 41 34 27 11	15 · 37 35 · 31 16 16 51 - 39 28 - 36 · 11 - 127 48 30 23 - 61 41 24 - 13 34 - 13	-17 07 -03 -21 12 -01 -08 -03 -17 -12 -06 -02 -04 -03 -03 -03 -04 -07 -04 -09	02 -04 -00 -03 -18 -03 -03 -03 -04 -03 -04 -03 -04 -03 -04 -03 -04 -05 -06 -06	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -05 -10 -21 -11 -01 -12 -16 -03 -03 -11	20 - 45 - 46 - 35 - 20 - 38 - 32 - 15 - 32 - 15 - 32 - 44 - 26 - 41 -	-20 -13 -17 -19 -04 -18 -10 -10 -11 -24 -15 -16 -08
17 17 25 34 28 28 28 29 26 24 28 21 27 28 28 24 28 23 21 07 19 23 28 20 25 15 5 32 28 27 28 18 19 29 26 16 21 29 12 22 24 18 18	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 1 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 1 8 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 14 40	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2 28 29 1 18 33 2 1 27 36 2 14 09 16 20 19 16 20 19 16 21 19 1 25 18 26 34 37 26 34 37 26 35 33 16 15 08 0 31 35 19 12 14 27 27 42	7 013 3 25 4 14 5 12 9 08 9 07 5 35 0 16 3 11 6 11 5 33 0 9 2 18 8 33 0 17 5 38 8 02 3 25 6 17 8 22 8 26	23 29 33 18 -02 04 25 18 26 18 11 09 14 44 24 18 37 77 77 77 77 77 77 77 77 77 77 77 77	17 34 35 30 14 10 49 25 23 20 12 10 31 40 43 17 59 36 25 27 31 26 32	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1 09 1 21 1 21 1 09 1 12 20 2 20 2 20 2 20 2 20 1 01 08 1 01 1	21 22 17 31 12 20 20 20 20 20 20 20 20 20 20 20 20 20	22 23 29 17 -02 13 26 26 24 14 12 24 34 15 14 32 26 22 06 14 16	20 19 27 15 00 07 17 29 28 20 -18 28 20 -15 30 29 21 15 32 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	15 11 28 28 07 14 23 26 12 23 -02 17 08 25 23 23 25 23 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	17 35 36 20 -06 15 41 30 10 16 32 55 33 47 34 29 20 42 24	20 30 36 31 04 11 48 26 23 29 115 10 27 53 38 32 53 41 27 78 83 83 83 83 83 83 83 83 83 83 83 83 83	15 40 41 26 02 18 39 40 23 30 08 20 29 78 31 27 56 43 23 23 23 23 23 23 23 23 23 23 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	07 13 19 17 07 04 18 12 15 12 02 13 09 17 07 07 19 11 08 17 11	14 34 37 24 10 07 48 35 17 12 14 19 23 48 22 41 34 27 11 30 27 28	15 · 37 · 35 · 37 · 36 · 31 · 31 · 31 · 32 · 32 · 32 · 32 · 33 · 33	-17 07 -03 01 -21 12 -01 01 -08 -03 -17 -12 06 -02 -04 -03 -04 -07 -04 -09 -09	02 -04 -03 -03 -03 -03 -03 -03 -03 -04 -03 -04 -03 -04 -03 -04 -03 -04 -03 -04 -03 -04 -03 -04 -03 -04 -03 -06 -06 -06 -06 -06 -06 -06 -06 -06 -06	-08 -18 -18 -19 -00 -15 -10 -15 -10 -21 -11 -01 -12 -16 -03 -03 -03 -07 -07 -08	20 - 45 - 46 - 35 - 32 - 32 - 32 - 32 - 32 - 32 - 32	-20 -13 -17 -19 -04 -18 -06 -09 -08 -11 -10 -11 -15 -16 -16 -16 -16 -16 -16 -16 -16 -16 -16
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14 11 16 25 15 32 28 27 28 18 19 39 44 29 26 16 21 29 12 22 24 18 18 23 19	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 9 14 00 08 05 06 15 1 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12	21 17 1 30 32 1 40 26 2 18 30 1 20 26 2 18 30 1 20 27 28 29 1 18 33 2 21 36 2 21 36 2 21 14 09 1 14 26 0 30 40 2 21 19 1 25 18 2 21 37 36 2 21 19 1 25 18 2 31 37 36 32 5 26 16 15 08 36 16 15 08 36 16 17 18 18 2 27 27 27 27 25 08	7 01 7 01	23 29 33 318 -02 04 25 18 26 18 11 09 14 44 44 24 18 37 29 27 17	17 34 35 30 14 10 49 25 22 20 12 10 43 17 59 36 25 27 31 26 25 27 31 26 27 27 31 26 27 27 27 27 27 27 27 27 27 27 27 27 27	13 2 14 1 23 2 17 2 07 -0 -02 0 18 1 16 1 15 1 33 1 109 1 16 2 13 0 109 1 16 2 13 0 12 0 20 2 20 2 20 2 18 1 10 0 10 1 10 0 10 1 10 1 10 1 10 1	21 22 17 31 20 31 23 20 24 11 12 12 55 40 18 36 55 22 18 36 18 36 19 20 31 33 6 34 8 4 11 17 71 17	22 23 29 17 -02 13 26 26 24 14 12 24 34 34 32 26 26 14 15 14 32 26 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	20 19 27 15 00 07 17 29 18 20 20 15 28 20 16 30 29 16 30 21 15 32 11 14 22	15 11 28 28 07 14 23 26 12 23 17 08 25 23 23 16 33 17 28 23 29 20 25 25 25 25 26 27 27 27 28 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	17 35 36 20 -06 15 41 28 24 30 16 32 50 31 18 47 34 47 34 29 20 42 24 31 21 31 31 31 31 31 31 31 31 31 31 31 31 31	20 30 36 31 04 11 48 26 23 29 115 10 27 53 38 32 41 27 728 33 41 24 24 24 23 34	15 40 41 26 02 18 39 40 23 30 20 29 78 31 27 56 43 23 24 39 29 29 29 29 20 29 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21	07 13 19 17 07 04 18 12 15 12 02 13 09 17 07 19 15 11 08 17 11 08 17	14 34 37 24 10 07 48 35 17 12 14 19 23 48 22 41 34 27 11 30 27 21 81 81 81 81 81 81 81 81 81 81 81 81 81	15 · 37 · 35 · 36 · 36 · 37 · 37 · 38 · 37 · 37 · 37 · 37 · 37	-17 07 -03 01 -21 12 -01 -08 -03 -17 -12 06 -02 -04 -03 24 -07 04 -09 -04	02 -04 -03 -18 -03 -04 -03 -04 -03 -04 -05 -06 -06 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -05 -10 -21 -11 -01 -12 -16 -03 -03 -03 -03 -03 -03 -04	20 - 45 - 46 - 35 - 99 - 33 - 33 - 33 - 33 - 33 - 33	-20 -13 -17 -19 -04 -18 -06 -09 -18 -10 -11 -15 -16 -16 -16 -16 -16 -16 -16 -16 -16 -16
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14 11 16 25 15 32 28 27 28 18 19 39 44 29 26 16 21 29 12 22 24 18 18 18 18 19 39 44 29 12 20 12 21 29 12	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 26 15 3 14 11 03 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 1 21 40 29 23 -03 35 1 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 -04 03 14 -07 12	21 17 1 30 32 1 40 26 2 18 30 1 08 06 2 03 10 2 28 29 1 18 33 21 27 36 2 14 09 16 20 19 16 20 19 16 20 19 16 21 19 19 25 18 26 34 37 26 34 37 26 35 36 16 15 08 07 31 35 19 27 27 47 27 27 27 22 25 36 16 14 23 15	7 011 3 255 4 14 5 12 9 08 9 07 5 35 5 35 5 35 5 31 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	23 29 33 18 -02 04 25 18 26 18 26 11 10 99 14 44 24 18 37 7 17 30 15 15 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	17 34 35 30 14 10 49 22 23 20 12 10 31 40 43 17 59 36 25 27 31 26 32 29 29 20 21 21 22 31 22 31 22 31 31 31 31 31 31 31 31 31 31 31 31 31	13 2 14 14 12 23 22 17 22 00 02 00 18 18 11 16 11 15 11 13 11 16 12 11 17 17 17 17 17 17 17 17 17 17 17 17	21 22 17 31 20 31 21 20 21 12 11 12 15 40 11 34 15 5 22 14 18 23 14 16 39 19 20 24 18 23 3 33 33 33 43 33 44 11 17 27 17 17 17 17 27 1 17 4 3 3 4 4 5 5 6 5 6 6 38 5 06	22 23 29 17 -02 13 26 26 26 24 14 12 24 34 15 14 32 26 26 16 15 16 16 16 16 16 16 16 16 16 16 16 16 16	20 19 27 15 00 07 17 29 18 28 20 14 15 28 16 16 30 29 21 15 11 14 22 31 03	15 28 28 07 14 23 26 12 23 26 17 08 25 23 23 23 16 33 17 28 29 20 22 23 23 24 25 27 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	17 35 36 20 -06 15 41 28 24 30 10 16 32 47 33 18 47 29 20 42 24 23 12 35 16 24 16 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	20 30 31 36 31 04 11 48 226 223 229 15 53 38 41 27 78 33 24 26 34 34 34 34 34 34 34 34 34 34 34 34 34	15 40 41 26 02 18 39 40 28 30 08 20 29 78 31 27 56 43 23 23 23 24 23 23 23 24 25 25 26 27 27 27 27 27 27 27 27 27 27 27 27 27	07 13 19 17 07 04 18 12 15 12 02 13 09 17 07 19 11 08 11 12 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 10	14 34 37 24 10 07 48 35 17 12 14 19 23 41 28 22 41 27 11 28 18 28 18 28 16	15 37 33 31 01 - 16 51 - 28 36 - 11	-17 07 -03 -01 -21 12 -01 -08 -03 -17 -12 -06 -02 -04 -03 -24 -01 -07 -04 -09 -01 -01 -01 -01 -01 -01 -01 -01 -01 -01	02 -04 00 -03 -18 00 -04 -03 -04 -03 -04 -03 -04 -03 -04 -05 -06 -07 -07 -07 -07	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -05 -10 -21 -11 -01 -03 -03 -04 -12 -11 -03 -03 -03 -03 -03 -03 -03 -03 -03 -03	20 - 46 - 35 - 09 - 38 - 33 - 32 - 32 - 32 - 32 - 43 - 24 - 42 - 44 - 42 - 41 - 19 - 19 - 19 - 19 - 19 - 19 - 19	20 13 -17 -04 -18 -00 -00 -18 -00 -10 -11 -15 -16 -17 -16 -17 -16 -17 -18 -17 -18 -18 -19 -19 -19 -19 -19 -19 -19 -19 -19 -19
17 17 25 34 28 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 25 25 25 25 25 26 27 28 18 19 39 44 29 26 16 21 29 12 22 24 18 18 23 19 19 27	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 1 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 -04 30 12 18 14 -07 12	21 17 1 30 32 1 40 26 2 18 30 1 20 26 2 18 30 1 20 27 28 29 1 18 33 2 21 36 2 21 36 2 21 36 2 21 39 1 24 26 0 33 0 40 2 21 19 1 25 18 20 31 37 2 31 37	7 011 3 255 4 4 4 4 5 122 9 07 07 15 12 12 12 12 12 12 12 12 12 12 12 12 12	23 29 33 18 -02 04 25 18 26 18 11 09 14 44 24 18 37 29 27 17 30 15 14 26 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	17 34 35 30 14 10 49 25 23 20 11 17 59 36 32 25 27 31 27 31 27 32 27 31 27 27 31 27 27 31 27 27 27 27 27 27 27 27 27 27 27 27 27	13 2 14 1 23 2 17 2 2 17 2 2 17 2 2 18 1 16 1 15 1 13 3 1 1 10 1 2 1 1 10 1 1 1 1	21 22 17 31 20 31 23 20 24 11 11 12 15 40 18 36 15 22 15 3 3 14 18 36 19 20 3 1 33 14 11 17 77 17 17 16 38 5 06	22 23 29 17 -02 13 26 26 26 24 14 12 24 34 15 26 26 26 14 15 26 16 26 17 26 26 26 26 26 26 26 26 26 26 26 26 26	20 19 27 15 00 17 29 28 20 -14 15 28 16 30 29 21 11 15 32 11 14 22 31 03 09	15 11 28 28 07 14 23 26 12 23 -02 17 08 25 23 23 16 23 23 23 17 28 22 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25	17 35 36 20 -06 115 41 28 30 10 116 32 50 33 18 47 34 47 34 47 34 29 20 42 22 35 115 115 115 115 115 115 115 115 115	20 30 31 36 31 04 11 48 22 26 27 53 58 32 41 27 78 33 32 41 26 34 31 27 28 32 41 27 28 32 41 41 41 41 41 41 41 41 41 41 41 41 41	15 40 41 26 02 18 39 40 23 30 08 20 27 78 31 27 43 23 24 29 26 18 39 27 28 30 28 30 28 30 28 30 28 30 28 30 28 30 28 30 28 30 30 30 30 30 30 30 30 30 30 30 30 30	07 13 19 17 07 04 18 12 15 12 02 13 09 17 07 19 15 11 10 10 10 11 11 03 18 11 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 14 19 23 48 28 24 11 30 27 27 11 30 27 28 18 28 16 28 28 28 28 28 28 28 28 28 28 28 28 28	15 37 37 38 36 31 16 39 28 36 31 30 23 48 31 31 16 40 40 16 42 22	-17 -07 -03 -01 -21 -01 -08 -03 -17 -12 -06 -02 -04 -09 -04 -09 -01 -03 -04 -09 -01 -03 -01 -03 -01 -01 -01 -01 -01 -01 -01 -01 -01 -01	02 -04 *00 -03 -18 -03 -04 -03 -04 -03 -04 -03 -04 -03 -04 -05 -06 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -03 -01 -11 -11 -12 -16 -03 -03 -11 -01 -12 -16 -03 -04 -17 -04 -17 -05 -05 -05 -05 -05 -05 -05 -05 -05 -05	20 - 45 - 46 - 35 - 09 - 20 - 38 - 33 - 32 - 32 - 32 - 32 - 32 - 32	20 13 17 19 04 18 00 00 11 10 11 11 12 14 15 16 17 17 18 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10
17 17 25 34 28 28 28 29 26 29 17 38 28 24 28 23 21 07 19 23 28 27 28 18 19 27 22 24 29 12 22 24 18 18 18 18 18 18 18 18 18 19 27 17 12 19 33 11 14 40 40	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 05 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -03 35 1 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 14 -07 12 12 18 14 -04 30 04 -12 -07 -04 -03 12 24 12 30 -03	21 17 1 30 32 1 40 26 2 18 30 1: 08 06 2 18 33 2: 18 33 2: 18 33 2: 18 33 2: 18 33 2: 19 16 2: 114 09 16 20 19 16 20 19 16 21 19 17 25 18 26 34 37 26 34 37 26 35 36 16 15 08 07 31 35 18 27 27 42 22 25 08 14 23 15 20 19 17 12 14 23 15 20 19 17 12 15 25 35 16 17 27 42 22 19 17 12 14 23 15 20 19 17 12 15 25 35	7 011 3 25 5 12 9 08 9 07 9 08 9 07 5 35 5 12 1 3 25 1 3 3 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	23 29 33 18 -02 04 25 18 11 26 18 11 24 11 18 37 29 17 30 15 11 15 11 15 11 16 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	17 34 35 30 14 49 25 23 20 12 10 43 17 59 6 25 23 10 40 43 17 25 27 31 26 32 27 27 27 27 27 27 27 27 27 27 27 27 27	13 2 14 14 12 23 22 17 22 00 02 02 00 18 16 15 18 16 17 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17	21 22 17 31 20 31 21 12 21 12 21 12 22 40 24 15 27 40 28 20 29 20 20 31 20	22 23 29 17 -02 13 26 26 26 24 14 14 32 26 24 34 15 14 32 26 6 16 15 16 16 16 16 16 16 16 16 16 16 16 16 16	20 19 27 15 00 07 17 29 28 20 14 15 28 16 30 29 21 11 14 22 31 05 09	15 11 28 28 28 27 14 23 26 12 23 26 17 08 25 23 26 23 16 23 26 27 28 29 20 25 28 29 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	17 35 36 20 -06 115 41 28 30 10 10 10 32 50 33 33 18 47 34 29 20 42 24 23 12 24 24 25 26 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	20 30 31 31 04 11 48 26 23 29 15 10 27 53 38 32 41 27 27 27 27 27 27 27 27 27 27 27 27 27	15 40 41 26 02 18 30 08 20 29 78 31 27 56 43 27 56 43 27 27 56 43 27 27 27 27 27 27 27 27 27 27 27 27 27	07 13 19 17 07 18 12 15 12 02 13 09 17 07 19 15 11 10 11 10 11 10 11 10 11 10 11 11 11	14 34 37 24 10 07 48 35 17 12 14 19 23 48 22 41 34 27 11 30 27 27 28 18 18 27 27 27 28 18 29 20 20 20 20 20 20 20 20 20 20 20 20 20	15 37 37 36 31 01 16 51 39 28 31 19 27 27 23 48 48 48 48 48 41 24 40 16 16 22 23 40 16 16 16 16 16 16 16 16 16 16 16 16 16	-17 -03 -01 -21 -01 -03 -17 -12 -03 -17 -12 -04 -02 -04 -03 -04 -07 -04 -09 -01 -03 -15 -03 -01 -01 -01 -01 -02 -01 -01 -01 -01 -01 -01 -01 -01 -01 -01	02 -04 -00 -03 -18 -03 -02 -03 -03 -03 -04 -03 -06 -06 -07 -09 -07 -09 -07 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	-08 -18 -08 -14 05 -10 -15 -19 -03 -01 -11 -01 -12 -03 -03 -01 -12 -03 -03 -04 -11 -01 -12 -03 -03 -11 -03 -03 -14 -04 -05 -06 -07 -07 -07 -08 -08 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	20 - 45 - 46 - 35 - 20 - 32 - 32 - 32 - 32 - 32 - 32 - 32	20 -13 -17 -19 -04 -04 -18 -10 -09 -28 -11 -15 -16 -05 -15 -15 -15 -15 -16 -09 -11 -10 -11 -12 -12 -13 -13 -14 -15 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
17 17 25 34 28 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 27 28 18 19 39 44 29 26 16 21 22 24 18 18 19 19 27 17 12 19 31 11 14 20 40 12 27 19 31 11 14 20 40 12 27 17 12 19 31 11 14 20 40 12 27 17 12 19 31 11 14 20 40 12 27 17 12 19 31 11 14 20 40 12 27 17 12 19 31 11 14 20 40 12 27 17 12 19 31 11 14 20 40 12 27 17 12 19 31 11 14 20 40 12 27 17 17 12 19 31 11 14 20 40 12 27 17 17 17 17 17 17 17 17 17 17 17 17 17	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 1 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 -14 40 32 -04 12 04 12 32 03 18 -12 24 -04 03 14 -07 12 12 18 14 -04 30 04 -12 -07 -04 -03 12 24 12 30 -03 22 25 14 20 12 12	21 17 1 30 32 1 40 26 2 18 30 1 20 8 06 2 03 10 2 28 29 1 18 33 2 12 36 2 21 36 2 21 14 26 0 33 0 40 2 21 19 1 25 18 20 31 35 1 35 33 1 25 26 10 31 35 1 21 14 12 25 18 20 31 35 1 21 14 1 25 18 20 31 35 1 26 10 31 35 1 31 3	7 011 3 255 5 12 9 08 9 07 9 07 5 35 5 16 14 6 14 6 14 6 14 6 14 6 14 7 18 8 3 8 3 8 3 7 18 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8	23 29 33 18 -02 04 25 18 26 18 11 09 14 44 24 18 37 77 17 30 15 15 11 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	17 34 35 30 14 10 49 25 20 12 10 43 31 40 43 17 59 36 25 27 31 22 22 22 28 00 22 22 22 22 22 22 22 22 22 22 22 22	13 2 14 1 23 2 17 2 2 17 2 2 17 2 2 18 1 15 1 16 2 2 1 1 16 2 2 1 1 16 2 2 1 1 16 2 2 1 1 1 1	21 22 17 31 20 31 21 20 21 11 21 12 25 40 11 13 36 55 22 4 15 3 14 11 17 7 27 17 17 6 38 6 16 0 -06 4 0 21	22 23 29 17 26 26 26 24 14 12 24 34 15 14 32 26 26 21 15 16 17 26 27 18 26 27 18 26 26 26 26 26 26 26 26 26 26 26 26 26	20 19 27 15 00 07 17 29 21 14 15 28 16 16 16 30 29 21 11 11 22 31 11 22 31 11 22 31 11 22 31 11 22 31 31 31 31 31 31 31 31 31 31 31 31 31	15 11 28 28 27 14 23 26 12 23 -02 17 08 25 23 23 26 33 16 33 17 28 23 29 20 25 18 21 21 21 21 21 21 21 21 21 21 21 21 21	17 35 36 20 -06 15 41 28 24 30 10 11 6 32 25 33 4 7 29 20 42 24 25 26 27 20 20 20 20 20 20 20 20 20 20 20 20 20	20 336 31 04 11 26 23 29 15 10 27 27 28 32 32 32 33 41 27 28 33 24 26 33 32 33 32 33 33 33 33 34 34 34 34 34 34 34 34 34	15 40 41 26 02 18 39 40 23 20 29 78 31 27 56 43 22 29 26 18 37 15 29 29 21 21 21 21 21 21 21 21 21 21 21 21 21	07 13 19 17 07 07 04 18 12 02 02 13 15 12 10 17 17 17 17 17 11 10 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 14 19 23 48 28 22 41 31 27 11 11 13 28 28 27 27 27 27 27 27 27 27 27 27 27 27 27	15 37 37 37 37 37 37 31 31 39 36 31 11 27 48 43 41 41 41 41 40 40 40 40 40 40 40 40 40 40	-17 -03 -01 -21 -01 -01 -03 -17 -12 -06 -02 -04 -03 -04 -09 -04 -09 -01 -03 -01 -03 -03 -03 -03 -03 -03 -04 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	02 -04 -00 -03 -18 -03 -03 -04 -03 -04 -03 -06 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -05 -10 -21 -11 -01 -01 -01 -04 -15 -04 -15 -04 -15 -04 -15 -04 -15 -04 -16 -05 -04 -16 -05 -05 -05 -05 -05 -05 -05 -05 -05 -05	20 - 45 - 46 - 35	20 -13 -17 -19 -04 -08 -10 -11 -16 -17 -16 -17 -16 -17 -16 -17 -16 -17 -16 -17 -16 -17 -17 -18 -18 -18 -19 -19 -19 -19 -19 -19 -19 -19 -19 -19
17 17 25 34 28 28 28 29 27 28 28 23 21 07 19 23 28 27 28 27 28 27 28 27 28 27 28 27 29 12 22 24 18 18 19 27 17 12 19 33 11 14 20 40 12 27 14 27 13 42	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 03 26 09 42 - 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 21 40 29 23 -03 35 1 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 26 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 -04 12 04 12 32 -04 12 04 12 32 -04 12 04 12 32 -04 12 04 12 32 -04 12 07 -04 -03 12 18 14 -07 12 12 18 14 -07 12 12 18 14 -07 12 12 18 14 -07 12 25 39 23 19 -08 25 08 16 15 17 21 35	21 17 1 30 32 1 40 26 2 18 30 1: 08 06 2 18 33 2: 18 33 2: 18 33 2: 18 33 2: 18 33 2: 18 33 2: 19 16 2: 19 17 10 10 2: 28 29 1: 18 33 32 1: 21 36 2: 11 4 09 1: 25 18 2: 26 30 40 2: 27 19 1: 25 18 2: 36 2: 37 2: 38 37 2: 38 37 2: 38 37 2: 39 31 35 18 25 26 18 2: 27 27 42 25 25 08 0: 31 35 35 18 25 26 18 2: 27 27 42 28 25 39 16 14 23 1: 28 29 19 17 112 25 35 112 25 35 119 17 10	7 011 3 25 4 14 5 12 9 07 9 07	23 29 33 18 -02 04 25 18 11 24 11 18 37 29 14 44 44 24 118 37 15 15 15 16 19 26 19 19 19 19 19 19 19 19 19 19 19 19 19	17 34 35 30 14 10 49 25 23 20 12 13 14 40 43 17 59 36 25 27 27 22 22 22 22 22 22 22 22 22 22 22	13 2 2 17 2 0 0 2 0 0 18 1 16 1 15 1 13 3 3 1 10 9 1 1 2 0 0 2 0 1 10 2 0 1 10 10 1 1 1 1	21 22 17 31 20 31 21 20 21 11 11 12 15 40 11 34 15 5 22 14 18 25 3 14 19 24 19 24 19 24 19 25 3 33 1 33 1 33 1 33 1 34 1 1 39 1 1 1 1 2 1 1 1 39 1 1 1 1 1 39 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 23 29 17 -02 13 26 26 26 24 14 14 32 22 06 15 14 16 16 16 17 27 20 17 20 26 26 26 26 26 26 26 26 26 26 26 26 26	20 19 27 15 00 07 17 29 28 20 14 15 28 20 14 15 21 11 14 22 11 14 22 10 10 10 10 10 10 10 10 10 10 10 10 10	15 11 28 28 28 27 14 23 26 12 23 -02 17 08 25 23 23 16 23 23 24 25 25 27 28 29 20 25 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	17 35 36 20 -06 15 41 28 30 10 10 10 32 50 32 50 31 29 20 42 24 22 24 23 11 24 25 11 27 27 27 27 27 27 27 27 27 27 27 27 27	20 30 31 31 48 26 27 27 27 27 27 27 27 27 27 27	15 40 41 26 02 18 39 40 28 30 29 27 8 31 27 43 23 29 29 29 29 21 8 21 8 21 8 22 8 23 24 25 27 27 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	07 13 19 17 07 04 18 12 02 15 12 09 17 19 15 11 08 17 12 11 10 10 11 11 10 20 11 11 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 19 23 48 22 41 23 42 27 11 30 22 22 41 27 28 16 27 28 16 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	15 37 35 31 16 51 36 36 11 27 48 23 41 24 13 31 16 22 23 40 11 15 28 28 21 31 40 40 40 40 40 40 40 40 40 40	-17 -03 -01 -21 -01 -08 -03 -17 -06 -02 -02 -04 -09 -01 -07 -04 -09 -01 -03 -04 -09 -01 -01 -05 -01 -05 -01 -05 -05 -05 -05 -05 -05 -05 -05 -05 -05	02 04 00 03 -18 00 04 -03 -03 02 04 03 -11 06 06 06 06 -09 -07 -09 -09 -09 -09 -09 -09 -09 -09	-08 -18 -08 -14 -05 -10 -15 -19 -03 -01 -11 -01 -12 -10 -10 -11 -03 -03 -04 -11 -01 -12 -10 -12 -13 -03 -04 -11 -12 -13 -14 -15 -15 -19 -15 -19 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	20 - 46 - 35 - 32 - 32 - 32 - 32 - 32 - 32 - 32	20 -13 -19 -04 -06 -09 -18 -06 -09 -11 -15 -16 -08 -15 -16 -09 -09 -09 -18 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09
17 17 12 25 34 28 28 28 20 24 08 29 17 38 28 23 21 10 11 11 12 25 15 32 28 27 28 18 19 27 26 16 21 22 24 18 18 23 19 19 27 17 12 21 14 27 13 42 20 40 12 27 14 27 13 42 26	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 1 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15, 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 10 4 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 10 4 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 -03 12 24 12 30 -03 12 25 14 20 12 12 25 39 23 19 -08 25 08 16 15 17 21 35 10 23 04 18 -21 31	21 17 1 30 32 1 40 26 2 18 30 1 20 8 06 2 03 10 2 28 29 1 18 33 21 20 32 1 21 16 20 114 26 00 33 0 40 2 21 19 1 25 18 20 31 35 18 33 35 33 18 35 35 19 12 14 12 25 18 20 31 35 19 12 14 12 27 27 48 28 29 10 11 2 19 10 11 2 19 10 11 12 19	7 011 3 255 14 141 15 12 9 088 9 077 5 35 16 14 16 14 16 14 17 18 18 20 18 30 19 08 19 08 10	23 29 33 18 -02 25 18 26 18 11 44 44 44 47 27 17 15 15 15 15 16 19 26 11 11 12 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	17 34 35 30 14 10 49 25 23 20 12 110 31 40 43 17 57 59 36 25 27 27 27 22 22 22 22 22 22 22 22 22 22	13 2 14 1 23 2 17 2 2 17 2 2 18 1 1	21 22 17 31 20 31 21 20 21 12 25 40 18 36 5 22 4 15 3 14 18 36 5 22 4 15 3 3 3 3 6 34 8 4 1 17 7 17 6 38 6 16 0 -06 4 0 21 5 28 6 16 6 16 6 16 6 16 7 24 7 25 8 26 8 26 8 36 8 40 8 50 8 50	22 23 29 17 26 26 26 24 14 12 24 34 15 14 32 26 26 26 14 15 15 16 27 28 29 17 29 17 20 20 20 20 20 20 20 20 20 20 20 20 20	20 19 27 15 00 07 17 29 21 14 15 28 20 21 11 15 32 11 14 22 31 14 22 31 14 22 31 14 22 31 14 22 31 14 22 31 32 32 32 32 32 32 32 32 32 32 32 32 32	15 11 28 28 28 27 14 23 26 12 23 21 17 08 25 23 23 23 23 27 28 29 20 25 18 20 21 21 21 21 21 21 21 21 21 21 21 21 21	17 35 36 20 -06 15 41 30 16 32 24 30 16 32 27 20 42 24 31 29 20 42 21 31 21 22 31 31 31 31 32 31 32 31 31 31 31 31 31 31 31 31 31 31 31 31	20 336 31 11 48 26 27 27 53 32 27 53 41 27 28 33 41 26 33 41 26 32 33 41 26 33 41 26 33 41 48 48 48 48 48 48 48 48 48 48 48 48 48	15 40 41 26 02 18 39 40 23 30 03 27 78 31 27 56 43 39 22 27 56 43 39 22 27 27 27 28 27 27 27 27 27 27 27 27 27 27 27 27 27	07 13 19 17 07 04 18 12 12 13 09 17 07 19 15 11 11 10 20 01 1- 11 10 12 11 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 14 19 23 28 22 41 34 27 -05 27 28 28 28 28 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	15 37 35 31 16 51 39 28 36 11 24 43 41 24 41 24 41 24 41 41 42 43 43 44 40 41 41 42 43 44 45 46 47 47 47 47 47 47 47 47 47 47	-17 -03 -03 -01 -21 -01 -08 -03 -03 -01 -02 -04 -03 -04 -09 -04 -09 -01 03 -15 -01 03 -15 -01 03 -01 03 -01 03 -01 -01 -01 -01 -01 -01 -01 -01 -01 -01	02 -04 -00 -03 -18 -03 -04 -03 -03 -04 -03 -04 -06 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	-08 -18 -08 -14 -05 -10 -15 -10 -19 -04 -13 -03 -05 -10 -21 -11 -01 -07 -04 -15 -07 -14 -07 -14 -07 -14 -07 -15 -07 -16 -07 -17 -17 -17 -17 -17 -17 -17 -17 -17 -1	20 - 45 - 46 - 35 - 46 - 35 - 35 - 32 - 32 - 32 - 32 - 32 - 32	20 -13 -17 -18 -06 -08 -11 -10 -15 -16 -17 -05 -08 -15 -16 -17 -05 -08 -15 -16 -17 -05 -06 -07 -08 -08 -08 -08 -08 -08 -08 -08 -08 -08
17 17 25 34 28 28 28 29 17 38 24 28 23 21 07 19 23 28 28 27 28 27 28 27 28 27 28 27 28 27 29 12 22 24 24 28 23 19 19 27 17 12 19 33 11 14 20 40 12 27 14 27 14 27 14 27 14 27 14 27 13 42 12 26 15 15 26 32	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 0 14 00 08 05 26 15 3 14 11 03 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15, 15 -12 18 3 21 40 29 23 -02 35 1 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 26 -03 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 07 12 32 -04 12 04 12 32 -04 12 04 12 32 -04 12 07 -04 -03 12 24 12 30 -03 12 24 12 30 -03 12 24 12 30 -03 12 25 14 20 12 12 25 39 23 19 -08 25 08 16 15 17 21 35 10 23 04 18 -21 31 14 26 13 19 -16 19 22 29 32 12 28 -07 22 22 35 14 20 12 12 25 39 23 19 -08 25 10 23 04 18 -21 31 14 26 13 19 -16 19 22 29 32 12 28 -07 22 22 25 14 20 12 22 35 14 26 13 19 -16	21 17 1 30 32 1 40 26 2 18 30 1: 08 06 2 18 33 2: 18 33 2: 18 33 2: 28 29 1: 18 33 2: 21 36 2: 11 09 1: 22 19 1: 14 26 0: 30 40 2: 21 19 1: 25 18 20 34 37 2: 35 36 16 15 08 0: 31 35 1: 27 27 42 22 25 08 21 19 17 10 14 12 19 17 10 14 12 19 17 10 14 12 19 17 10 14 12 19 17 10 14 12 19 17 10 14 12 19 17 10 14 12 19 17 10 14 12 19 17 10 14 12 19 17 10 14 12 19 17 10 18 10 17 19 17 10 11 14 12 19 17 10 18 17 10 19 17 10 19 17 10 14 12 19 17 10 18 12 19 17 10 18 12 25 25 27	7 011 3 25 4 14 5 12 9 07 9 07 5 35 6 14 6 14 6 14 6 14 7 2 18 8 31 8 31 8 31 8 31 8 31 8 32 8 31 8 32 8 3	23 29 33 18 -02 04 25 18 11 26 18 11 44 44 44 18 37 27 17 30 15 15 15 15 16 17 26 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	17 34 35 30 14 10 49 25 23 20 12 13 14 40 43 17 59 36 25 27 31 22 22 22 22 22 22 23 23 20 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	13 2 2 17 2 0 0 0 1 0 1 2 1 1 0 0 1 1 2 1 1 1 7 2 1 2 1 2 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1	22 22 20 31 23 20 31 23 20 31 23 20 31 25 40 11 12 15 40 15 5 22 4 18 13 39 9 20 33 33 34 34 41 17 7 27 16 38 5 06 6 16 6 4 24 0 5 2 14 6 5 20 2 14 6 9 28	22 23 29 17 -02 13 26 26 26 24 14 14 32 22 06 15 20 14 16 15 25 04 22 20 15 20 12 21 22 22 23 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26	20 19 27 15 00 07 17 29 28 20 14 15 28 20 14 15 28 21 11 14 22 15 30 09 10 11 11 12 12 12 13 14 14 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	15 11 28 28 28 27 14 23 26 12 23 -02 17 08 25 23 23 16 23 29 20 25 18 11 19 14 19 11 19 19	17 35 36 20 -06 15 41 28 30 10 10 16 32 50 32 50 32 47 29 20 42 24 23 35 11 12 12 12 12 12 13 13 14 14 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17	20 30 31 31 48 22 32 29 15 53 27 53 27 27 28 32 41 26 27 28 33 29 27 28 32 32 33 41 26 31 48 26 31 48 32 48 48 48 48 48 48 48 48 48 48 48 48 48	15 40 41 26 20 23 30 08 29 78 32 27 55 43 22 27 55 43 22 27 27 55 43 27 27 27 27 27 27 27 27 27 27 27 27 27	07 13 19 17 07 04 18 12 02 15 12 09 17 07 19 15 10 11 10 3 10 20 10 11 10 11 11 11 12 13 14 15 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	14 34 37 24 10 07 48 35 17 12 11 19 23 48 22 41 27 11 28 28 16 27 28 16 27 28 16 27 28 16 27 28 28 16 29 20 20 20 20 20 20 20 20 20 20 20 20 20	15 37 35 31 16 51 39 36 11 27 48 23 41 24 13 31 16 22 13 31 16 23 34 35 30 23 30 30 30 30 30 30 30 30 30 3	-17 -03 -03 -12 -01 -03 -17 -08 -03 -17 -06 -02 -02 -04 -09 -01 -07 -04 -09 -01 -03 -15 -03 -15 -03 -04 -09 -01 -01 -03 -04 -05 -05 -05 -05 -05 -05 -05 -05 -05 -05	02 04 00 03 02 03 02 03 03 03 04 03 04 06 06 06 06 07 07 07 08	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -05 -10 -21 -11 -01 -12 -03 -03 -04 -11 -12 -03 -03 -11 -12 -03 -04 -11 -12 -03 -04 -11 -15 -19 -10 -11 -10 -10 -11 -10 -10 -10 -10 -10	20 - 46 - 35 - 32 - 32 - 32 - 32 - 32 - 32 - 32	20 -13 -17 -19 -04 -18 -06 -09 -08 -11 -16 -17 -16 -17 -16 -17 -18 -17 -18 -18 -18 -18 -18 -18 -18 -18 -18 -18
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14 11 16 25 15 32 28 27 28 18 19 39 44 29 26 16 21 29 12 22 24 18 18 18 19 19 27 17 12 19 33 11 14 20 40 12 27 14 27 13 42 12 26 15 15	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 1 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15, 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 31 12 25 39 23 19 -08 25 08 16 15 17 21 35 08 16 15 17 21 35 10 23 04 18 -21 31 14 26 13 19 -16 19 2 29 32 12 28 -07 22 19 12 03 62 03 04	21 17 1 30 32 1 40 26 2 18 30 1 20 8 06 2 03 10 2 28 29 1 18 33 21 20 32 1 21 16 2 21 16 2 21 17 2 25 18 2 26 19 1 25 18 2 27 17 2 28 29 1 29 1 20 19 1 20 19 1 20 19 1 21 14 12 25 18 2 26 16 2 27 27 27 27 27 27 27 28 29 1 29 17 29 17 29 17 10 20 19 17 20 19 17 21 14 12 19 22 17 23 22 25 18 20 19 17 21 17 10 22 17 23 22 25 25 26 23 27 27 27 24 22 25 25 26 25 39 16 27 27 27 27 28 29 27 29 17 29 29 20 19 17 20 19 17 21 20 20 20 20 20 20 20 20 20 20 20 20 20	7 011 3 255 12 26 9 08 9 07 5 35 6 14 1 33 1 11 1 33 1 12 2 18 8 3 2 18 8 3 2 18 8 3 8 27 6 02 8 3 8 27 8 3 8 27 8 3 8 4 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	23 29 33 18 -02 04 25 18 26 18 11 09 14 44 24 18 37 29 27 17 17 30 15 14 26 11 11 29 27 17 17 29 27 17 29 27 17 27 27 27 27 27 27 27 27 27 27 27 27 27	17 34 35 30 14 10 49 25 23 20 10 31 40 43 17 59 36 25 27 31 26 27 27 27 27 27 27 27 27 27 27 27 27 27	13 2 14 1 23 2 17 2 2 17 2 2 18 1 16 1 15 1 13 1 1 1 2 1 17 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	21 22 17 31 12 12 15 40 11 12 15 40 11 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	22 23 29 17 26 26 26 24 14 12 24 34 15 14 32 26 22 26 14 15 15 16 27 28 29 17 29 17 20 20 20 20 20 20 20 20 20 20 20 20 20	20 19 27 15 00 07 17 29 21 14 15 28 20 16 16 16 29 21 11 14 22 31 10 29 21 11 14 22 31 14 22 31 14 22 31 14 22 32 32 32 32 32 32 32 32 32 32 32 32	15 11 28 28 28 27 14 23 26 12 23 23 27 27 28 28 29 20 25 18 29 20 25 18 21 21 21 21 21 21 21 21 21 21 21 21 21	17 35 36 20 -06 15 41 30 16 32 24 31 18 47 29 20 42 22 42 23 11 11 11 17 19 27 11 19 19	20 30 36 31 48 26 22 27 15 10 27 53 38 32 41 27 78 33 41 27 8 33 41 27 8 32 41 27 8 32 8 32 8 32 8 32 8 32 8 32 8 32 8	15 40 41 26 20 23 30 20 29 78 31 27 43 23 24 23 37 24 23 37 27 28 29 29 29 29 29 29 29 29 29 20 29 20 20 20 20 20 20 20 20 20 20 20 20 20	07 13 19 17 07 04 18 12 12 13 09 17 07 19 15 11 11 03 18 10 10 11 10 11 10 11 10 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 14 19 23 28 22 41 31 28 28 28 28 28 28 28 28 28 28 28 28 28	15 37 35 31 16 51 39 28 36 11 27 43 43 41 24 40 40 41 41 42 42 43 43 43 44 40 40 41 41 42 43 44 45 46 47 47 47 47 47 47 47 47 47 47	-17 -03 -03 -01 -21 -01 -08 -03 -01 -02 -04 -03 -04 -09 -01 -03 -03 -03 -03 -03 -03 -03 -03 -03 -03	02 -04 -00 -03 -18 -03 -02 -02 -03 -03 -03 -03 -03 -03 -03 -03 -04 -03 -04 -04 -04 -04 -04 -04 -04 -04 -04 -04	-08 -18 -08 -14 -05 -10 -15 -10 -13 -03 -03 -05 -10 -11 -01 -01 -01 -03 -03 -03 -03 -04 -11 -07 -16 -03 -04 -15 -07 -16 -03 -04 -15 -04 -15 -16 -05 -16 -17 -17 -17 -18 -18 -18 -18 -18 -18 -18 -18 -18 -18	20 - 46 - 35 - 46 - 35 - 32 - 32 - 32 - 32 - 32 - 32 - 32	20 113 17 19 104 108 118 109 118 118 119 119 119 119 119 119 119 11
17 17 27 13 42 12 26 15 15 26 32 08 11 11 07 17 27 18 18 18 19 27 28 28 28 28 28 28 28 28 28 28 28 28 28	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 03 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15, 15 -12 18 3 21 40 29 23 -02 35 4 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 14 21 -06 19 18 26 15 14 -13 11 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -03 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 10 4 12 32 -03 18 -12 24 -04 03 14 -07 12 12 18 14 -07 12 12 18 14 -07 12 12 18 14 -07 12 12 18 15 17 21 35 10 04 -12 -07 -04 -03 12 24 12 30 -03 22 25 14 20 12 12 25 39 23 19 -08 25 08 16 15 17 21 35 10 02 30 4 18 -21 31 14 26 13 19 -16 19 29 32 12 28 -07 22 2 19 12 03 62 03 04 10 16 15 16 00 04 21 38 06 16 -06 24 24 21 38 06 16 -06 24 21 38 06 16 -06 24	21 17 1 30 32 1 40 26 2 18 30 10 2 18 30 10 2 28 29 1 18 33 26 18 33 26 20 32 1 21 36 26 14 09 16 21 4 26 02 30 40 26 21 19 16 25 18 20 30 40 26 21 19 16 25 26 18 26 25 39 16 15 08 03 31 35 33 13 35 33 14 22 27 27 42 22 25 39 16 17 10 11 18 12 19 17 10 18 11 12 19 17 10 18 12 19 17 10 18 11 17 12 22 25 25 21 17 23 22 25 27 11 17 12 22 25 25 21 28 20	7 011 3 25 4 14 5 12 9 08 9 07 5 35 6 14 6 14 6 14 6 12 1 32 2 18 3 12 2 2 18 3 12 2 3 3 3 12 3	23 29 33 18 -02 25 18 26 18 11 44 44 44 44 18 37 17 27 17 17 21 21 21 21 21 21 21 21 21 21 21 21 21	17 34 35 30 14 10 49 25 23 20 12 10 31 40 43 17 59 36 25 27 31 26 32 27 32 27 32 32 32 31 43 31 43 32 32 32 32 32 32 32 32 32 32 32 32 32	13 2 2 14 14 12 23 2 2 17 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	22 22 25 5	22 23 29 17 -02 13 26 26 26 24 14 14 32 22 06 15 20 14 16 15 25 04 22 20 15 20 12 21 22 22 23 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26	20 19 27 15 00 07 17 29 28 20 14 15 28 20 14 15 21 15 21 11 11 12 21 11 12 21 11 12 21 11 12 21 12 21 21	15 11 28 28 28 27 14 23 26 12 23 17 08 25 23 23 16 33 317 28 29 20 20 21 18 11 19 11 11 11 11 11 11 11 11 11 11 11	17 35 36 20 -06 15 41 28 24 30 10 16 32 50 32 50 31 18 47 29 20 42 23 31 12 32 31 11 11 11 11 11 11 11 11 11 11 11 11	20 30 31 31 48 22 32 27 53 32 53 27 53 32 27 27 28 32 32 32 33 33 41 22 32 32 32 32 32 32 32 33 33 34 34 34 34 34 34 34 34 34 34 34	15 40 41 26 20 23 30 08 27 28 27 55 43 22 29 27 55 43 22 29 27 27 27 27 27 27 27 27 27 27 27 27 27	07 13 19 17 07 04 18 12 02 15 12 02 17 19 15 10 11 10 11 10 11 11 10 11 11 12 10 11 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 19 23 48 28 22 41 27 11 23 28 28 28 28 28 28 28 29 29 28 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	15 37 35 31 16 51 39 36 11 23 30 23 48 23 41 24 13 14 25 15 26 16 17 18 18 19 19 10 10 10 10 10 10 10 10 10 10	-17 -03 -01 -21 -01 -08 -03 -17 -06 -02 -03 -24 -01 -07 -04 -09 -04 -09 -09 -01 -09 -01 -05 -03 -03 -05 -05 -05 -05 -05 -05 -05 -05 -05 -05	02 04 00 03 02 03 03 03 04 03 04 06 06 06 06 07 07 07 08 10 03 03 03 03 03 03 03 03 03 0	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -05 -10 -21 -11 -01 -12 -03 -03 -03 -03 -04 -15 -10 -11 -12 -03 -03 -11 -12 -03 -14 -15 -03 -03 -15 -03 -03 -15 -03 -03 -03 -03 -03 -03 -03 -03 -03 -03	20 - 46 - 35 - 32 - 32 - 32 - 32 - 32 - 32 - 32	20 113 17 19 104 108 110 111 124 111 124 111 112 113 113 113 113 113 113 113 113
17 17 12 25 34 28 28 28 20 24 08 29 17 38 28 23 21 11 16 25 15 32 28 27 28 18 19 27 21 12 22 24 18 18 23 19 19 27 17 12 21 12 26 15 15 26 32 26 8 11 11 07 17 27 17 12 26 08 11 11 07 17 27 14 16	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 1 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15, 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 26 -03 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 3 32 -04 12 0	21 17 1 30 32 1 40 26 2 18 30 1 20 8 06 2 03 10 2 28 29 1 18 33 21 20 32 1 21 16 2 21 16 2 21 17 26 2 21 19 1 25 18 2 26 19 1 25 18 2 26 19 1 27 16 2 28 29 1 29 19 1 20 19 1 20 19 1 21 19 1 25 18 2 26 18 2 27 27 27 29 20 20 20 20 20 20 20 20 20 20 20 20 20	7 011 3 255 12 26 9 088 9 075 5 35 0 166 141 141 141 141 141 141 141	23 29 33 18 26 12 12 12 13 13 14 24 14 24 17 17 30 15 16 11 19 22 17 23 16 32 16 31 21	17 34 35 30 14 10 49 25 23 20 110 31 40 43 17 25 27 31 26 27 27 27 27 27 27 27 27 27 27 27 27 27	13 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	21 22 17 31 20 31 20 31 32 32 32 32 32 32 33 33 33 33 33 34 41 17 77 17 17 6 38 6 6 16 0 -06 40 21 5 25 6 2 14 6 31 9 28 22 20 5 3 22	22 23 29 17 26 26 26 24 14 12 24 34 34 15 14 12 26 22 26 14 15 26 27 26 27 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	20 19 27 15 00 07 17 29 21 14 15 28 20 21 11 15 30 29 21 11 14 22 31 10 21 11 11 22 11 11 22 11 11 11 11 11 11	15 11 28 28 28 27 14 23 26 12 23 23 23 23 23 23 23 29 20 25 18 23 21 21 21 21 21 21 21 21 21 21 21 21 21	17 35 36 20 -06 15 41 30 16 32 24 31 18 47 32 29 42 24 31 11 11 11 11 11 11 11 11 11 11 11 11	20 30 36 31 48 26 22 32 15 10 27 38 32 41 27 8 33 41 27 8 33 41 27 8 33 41 27 8 32 8 32 8 32 8 32 8 32 8 32 8 32 8	15 40 41 26 20 20 20 20 27 8 36 27 43 23 24 23 24 23 37 24 23 37 27 28 37 29 29 29 29 29 20 21 21 21 21 21 21 21 21 21 21 21 21 21	07 13 19 17 07 04 18 12 12 13 09 17 07 19 15 11 11 03 18 18 10 20 11 11 03 18 18 19 10 10 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 14 19 23 41 41 34 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	15 37 35 37 36 37 36 37 37 37 38 37 37 37 37 37 37 37 37 37 37 37 37 37	-17 -03 -03 -01 -21 -01 -08 -03 -01 -02 -04 -03 -04 -09 -01 -03 -03 -03 -03 -03 -03 -03 -03 -03 -03	02 -04 -00 -03 -18 -03 -04 -03 -03 -04 -03 -04 -06 -06 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	-08 -08 -18 -08 -19 -05 -19 -04 -13 -03 -05 -10 -11 -01 -01 -01 -01 -02 -03 -04 -15 -07 -14 -15 -07 -14 -15 -07 -14 -15 -07 -14 -15 -07 -15 -07 -16 -08 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	20 - 45 - 46 - 35 - 46 - 35 - 46 - 35 - 46 - 37 - 47 - 47 - 47 - 47 - 47 - 47 - 47	20 13 17 19 04 10 10 10 11 10 11 11 10 10 10 10 10 10
17 17 27 12 26 32 11 11 14 27 20 11 11 10 17 17 27 11 11 10 11 11 10 15 15 15 26 32 28 28 27 28 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 27 17 12 20 40 12 27 13 42 12 26 32 08 11 11 07 17 27 11 10 11 10 17 17 27 11 11 10 10 10 10 10 10 10 10 10 10 10	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 10 00 80 50 26 15 3 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 4 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 26 -03 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 24 12 30 -03 22 25 14 20 12 12 25 39 23 19 -08 25 08 16 15 17 21 35 1 10 23 04 18 -21 31 14 26 13 19 -16 19 29 32 12 28 -07 22 2 19 12 03 02 03 04 17 38 06 16 -06 24 2 22 31 05 09 -10 14 2 25 18 13 19 -14 19 1	21 17 1 30 32 1 40 26 2 18 30 1: 08 06 2 18 33 2: 18 33 2: 18 33 2: 18 33 2: 18 33 2: 18 33 2: 19 19 12 25 18 2: 19 19 12 25 18 2: 26 2: 19 19 12 27 36 2: 19 19 12 25 18 2: 26 19 12 27 36 2: 19 17 10 14 12 19 17 10 18 12 19 17 10 18 12 19 17 10 18 12 19 17 10 18 12 19 17 10 18 17 10 18 17 10 18 17 10 18 17 10 18 17 10 18 17 10 18 17 10 18 17 10 18 17 10 18 17 10 18 17 10 19 17 10 19 17 10 19 17 10 19 17 10 19 17 10 19 17 10 19 17 10 19 17 10 20 25 25 27 11 17 12 22 25 27 22 25 27 11 17 12 22 25 27 22 25 27 11 17 12 22 25 27 22 25 27 11 17 12 22 25 27 22 25 27 11 17 12 22 25 27 22 25 27 11 17 12 22 25 27 22 25 27 11 17 12 22 25 27 22 25 27 11 17 12 22 25 27 11 17 12 22 25 27 11 17 12 22 25 27 11 17 12 22 27 28 20 25 22 25 27 11 17 12 22 27 19 17	7 011 3 25 4 14 5 12 9 08 9 07 5 35 6 14 6 14 6 14 6 14 6 14 7 18 8 31 8 31	23 29 33 18 -02 25 18 11 26 18 11 14 44 44 44 27 17 27 17 17 27 27 27 27 27 27 27 27 27 27 27 27 27	17 34 35 30 14 10 49 25 22 21 20 31 40 43 17 59 36 25 27 32 22 22 22 22 22 22 23 20 12 12 13 14 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	13 2 1 1 2 1 2 1 1 1 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	22 22 20 25 5 22 26 5 5 22 26 5 5 22 26 5 5 22 26 5 5 2 26 5 5 2 2 26 5 5 2 2 2 2	22 23 29 17 -02 13 26 26 26 24 14 12 24 34 15 14 32 26 26 24 11 15 27 20 15 20 16 21 22 23 25 26 26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	20 19 27 15 00 07 17 29 28 20 14 15 28 20 14 15 22 11 15 22 11 11 12 21 11 22 11 11 12 21 11 21 2	15 11 28 28 27 14 23 26 12 23 17 08 25 23 23 16 33 17 28 29 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21	17 35 36 20 -06 15 41 28 24 30 10 16 32 50 33 18 47 29 20 42 23 31 11 11 11 11 11 11 11 11 11 11 11 11	20 30 31 31 48 22 32 27 53 32 53 27 53 32 27 27 28 32 32 32 33 33 41 22 32 32 32 33 33 33 33 33 33 33 33 33	15 40 41 26 20 23 30 08 27 56 43 22 27 56 43 27 56 43 27 56 43 27 27 27 27 27 27 27 27 27 27 27 27 27	07 13 19 17 07 04 18 12 15 12 02 07 17 19 15 11 08 17 17 19 10 11 10 11 11 10 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 19 23 48 22 41 27 11 23 48 28 28 28 16 27 -05 -26 28 28 28 38 34 36 27 29 20 20 20 20 20 20 20 20 20 20 20 20 20	15 37 35 31 16 51 39 36 11 24 48 23 41 24 13 41 24 13 14 22 23 24 25 36 16 17 27 28 29 20 21 21 22 23 24 25 26 27 27 28 28 29 20 20 20 20 20 20 20 20 20 20	-17 -03 -01 -21 -01 -08 -03 -17 -06 -02 -04 -03 -07 -04 -09 -04 -09 -04 -09 -04 -09 -01 -05 -03 -03 -05 -05 -05 -05 -05 -05 -05 -05 -05 -05	02 -04 -00 -03 -18 -03 -02 -03 -03 -03 -03 -03 -04 -03 -04 -03 -04 -03 -04 -03 -04 -03 -05 -07 -08 -03 -03 -03 -03 -03 -03 -03 -03 -03 -03	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -05 -10 -21 -11 -01 -12 -03 -03 -03 -03 -04 -15 -03 -03 -16 -03 -04 -15 -16 -16 -15 -16 -16 -16 -16 -16 -16 -16 -16 -16 -16	20 - 46 - 35 - 32 - 32 - 32 - 32 - 32 - 32 - 32	20 113 177 19 104 109 118 109 118 109 119 119 119 119 119 119 119 119 119
17 17 17 25 34 28 28 28 28 20 24 28 28 28 27 28 28 27 28 18 19 27 27 28 28 27 28 18 19 27 27 28 28 27 28 28 27 28 28 27 28 28 27 28 28 27 28 28 27 28 28 27 28 28 27 28 28 28 29 26 29 26 29 27 28 28 28 28 28 28 28 28 28 28 28 28 28	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 1 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15, 15 -12 18 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 26 -03 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 3 32 -04 12 04	21 17 1 30 32 1 40 26 2 18 30 1 20 8 06 2 03 10 2 28 29 1 18 33 21 20 32 1 21 36 2 21 14 26 0 33 0 40 2 21 19 1 25 18 26 31 35 1 25 26 16 25 26 26 27 28 29 19 17 10 11 12 19 22 17 23 24 25 06 25 39 16 27 27 27 28 29 19 17 17 10 14 12 19 22 17 23 24 25 06 25 36 26 26 27 27 27 27 27 27 27 27 27 27 27 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29	7 011 3 255 14 144 14 15 12 9 088 9 077 5 35 6 14 15 12 18 30 19 12 18 31 19 12 19 12	23 29 33 18 20 04 25 18 26 18 11 09 14 44 24 18 37 27 17 30 15 16 19 22 17 22 17 23 16 31 24 17 25 17 27 27 27 27 27 27 27 27 27 27 27 27 27	17 34 35 30 14 10 49 25 23 20 10 31 40 43 17 59 36 25 27 31 26 27 27 32 28 07 31 29 31 20 31 20 31 20 31 31 31 31 31 31 31 31 31 31 31 31 31	13 2 1 1 2 1 1 2 2 1 1 1 2 1	21 22 17 31 20 31 20 31 20 32 20 32 20 32 21 53 32 33 34 41 17 77 1 17 6 38 6 6 16 6 16 6 26 4 21 5 28 6 31 8 2 20 25 3 22 4 33 36 8 36 8 36 8 36 8 36 8 36 8 36 8	22 23 29 17 26 26 26 24 14 12 24 34 34 15 14 12 26 22 26 14 15 26 27 20 26 27 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	20 19 27 15 00 07 17 29 218 20 40 14 15 28 16 16 16 29 21 11 11 22 31 11 22 31 11 22 11 12 12 12 13 13 14 22 14 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	15 11 28 28 28 27 14 23 26 12 23 23 23 23 23 23 29 20 25 18 23 29 20 25 18 19 14 21 21 21 21 21 21 21 21 21 21 21 21 21	17 35 36 20 -06 -15 41 30 16 32 24 33 18 47 29 20 42 24 31 11 11 11 11 11 12 23 13 14 14 15 16 17 17 18 18 18 18 18 18 18 18 18 18	20 30 31 31 31 48 22 32 31 55 32 41 27 8 33 41 27 8 33 41 27 8 33 41 27 8 32 8 32 8 32 8 32 8 32 8 32 8 32 8	15 16 10 11 20 20 20 20 20 20 20 20 20 20	07 13 19 17 07 04 18 12 12 13 09 17 07 19 15 11 11 03 18 18 10 20 11 11 03 11 11 03 11 11 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 19 23 41 41 34 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	15 37 35 31 16 51 39 28 30 23 31 11 24 41 23 31 34 41 24 41 23 35 41 41 41 41 42 43 45 45 46 47 47 47 47 47 47 47 47 47 47	-17 -03 -03 -01 -21 -01 -08 -03 -01 -02 -04 -03 -04 -09 -01 -03 -03 -03 -03 -03 -03 -03 -03 -03 -03	02 -04 -00 -03 -18 -04 -03 -04 -03 -04 -03 -04 -06 -06 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	-08 -08 -18 -08 -14 -05 -10 -15 -10 -01 -13 -03 -05 -10 -11 -01 -01 -01 -03 -03 -03 -04 -11 -07 -16 -03 -04 -15 -07 -14 -15 -07 -14 -15 -07 -14 -15 -07 -15 -16 -08 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	20 -45 -46 -355 -32 -43 -32 -41 -42 -42 -41 -42 -42 -43 -42 -43 -43 -44 -44 -44 -44 -44 -44 -44 -44	20 117 104 106 106 107 107 107 107 107 107 107 107
17 17 27 12 12 26 15 15 26 32 08 11 11 07 17 27 17 12 11 14 27 20 24 23 24 26 29 26 29 26 26 28 28 28 28 18 19 27 28 28 28 28 29 26 26 28 28 28 28 28 28 28 28 28 28 28 28 28	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 19 40 08 05 26 15 3 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 4 05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 26 -03 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 24 12 30 -03 22 25 14 20 12 12 25 39 23 19 -08 25 08 16 15 17 21 35 1 10 23 04 18 -21 31 14 26 13 19 -16 19 29 32 12 28 -07 22 2 19 12 03 02 03 04 17 38 06 16 -06 24 2 27 19 12 03 12 28 -07 22 19 12 03 02 03 04 17 38 06 16 -06 24 2 26 18 13 19 -16 19 2 29 32 12 28 -07 22 2 19 12 03 02 03 04 17 38 06 16 -06 24 2 22 31 05 09 -10 14 2 25 18 13 19 -14 19 1 12 35 14 22 -92 31 1 34 32 14 26 -12 23 1 34 32 14 26 -12 23 1 34 37 15 29 -18 37 37 37	21 17 1 30 32 1 40 26 2 18 30 1: 08 06 2 18 33 2: 18 33 2: 28 29 1: 18 33 2: 21 36 2: 21 19 1: 25 18 2: 30 40 2: 11 4 26 0: 30 40 2: 11 9 1: 25 18 2: 31 37 2: 33 33 35 33 35 33 35 33 35 33 35 33 35 34 35 35 35 35 35 35 35 35 35 35 35 35 35	7 011 3 25 4 14 5 12 9 07 5 35 6 14 6 14 6 14 6 14 6 14 7 18 8 12 8 21 8 31 8 31	23 29 33 18 -02 25 18 11 26 18 11 14 44 44 44 44 18 37 17 27 17 17 21 21 21 21 21 21 21 21 21 21 21 21 21	17 34 35 30 14 10 49 25 22 20 12 11 31 40 43 17 59 36 25 27 31 26 32 27 28 20 27 27 28 27 27 27 27 27 27 27 27 27 27 27 27 27	13 2 2 14 14 12 23 2 2 17 2 2 2 2 2 2 2 2 11 0 0 18 2 2 11 0 0 18 2 1 1	22 17 31 20 31 20 31 20 31 32 32 30 31 34 34 35 37 37 37 38 38 38 36 34 32 32 33 36 34 34 34 34 34 34 34 34 34 34 34 34 34	22 23 29 17 -02 13 26 26 24 14 12 24 34 15 14 32 22 26 26 21 25 10 25 12 22 20 15 25 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	20 19 27 15 00 07 17 28 28 20 14 15 28 20 14 15 28 20 11 15 21 11 12 21 11 12 21 11 12 21 12 13 13 13 13 13 13 13 13 13 13 13 13 13	15 11 28 28 27 14 23 26 12 23 17 08 25 23 23 16 33 17 28 29 20 20 21 11 11 11 11 11 11 11 11 11 11 11 11	17 35 36 20 -06 15 41 28 24 30 10 16 32 50 33 18 47 29 20 24 23 11 22 24 23 11 22 24 23 11 22 24 23 11 22 24 23 24 24 25 26 27 27 27 27 27 27 27 27 27 27 27 27 27	20 30 31 31 48 22 32 27 53 32 27 53 32 27 27 28 32 32 33 33 41 27 28 32 32 33 33 33 33 33 33 33 33 33 33 33	15 40 41 26 20 20 20 27 56 43 27 56 43 27 56 43 27 56 43 27 56 43 27 29 29 29 20 29 20 20 20 20 20 20 20 20 20 20 20 20 20	07 13 19 17 07 04 18 12 12 13 09 17 07 19 15 11 08 10 11 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 19 23 48 22 41 27 11 28 28 16 27 -05 -26 28 28 38 34 48 27 14 30 27 28 28 28 28 38 38 38 38 38 38 38 38 38 38 38 38 38	15 37 35 31 16 51 32 36 11 24 48 23 40 124 134 24 134 22 23 24 25 36 16 17 27 28 21 21 21 22 23 24 25 26 27 27 27 28 28 29 20 20 20 20 20 20 20 20 20 20	-17 -03 -01 -21 -01 -08 -03 -17 -06 -02 -03 -24 -01 -07 -04 -09 -04 -09 -04 -09 -04 -09 -01 -05 -06 -02 -01 -05 -06 -07 -07 -04 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	02	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -05 -10 -21 -11 -01 -12 -11 -03 -03 -03 -04 -15 -03 -04 -15 -04 -15 -04 -15 -16 -16 -16 -16 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17	20 - 46 - 35 - 46 - 35 - 46 - 35 - 46 - 35 - 46 - 35 - 46 - 35 - 46 - 47 - 47 - 47 - 47 - 47 - 47 - 47	203 177 194 -186 -196 -196 -196 -196 -196 -196 -196 -19
17 17 25 34 28 28 28 20 24 28 28 28 28 27 28 28 27 28 18 19 27 27 28 28 27 28 18 19 27 27 28 28 27 28 28 27 28 28 27 28 28 27 28 28 27 28 28 29 26 29 26 20 21 22 24 26 29 26 24 29 24 26 29 24 26 29 24 26 29 24 26 29 24 26 29 26 10 11	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 1 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15, 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 26 -03 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 3 32 -04 12 0	21 17 1 30 32 1 40 26 2 18 30 1 20 8 06 2 03 10 2 28 29 1 18 33 21 20 32 1 21 36 2 21 14 29 1 25 18 26 31 35 1 25 26 16 25 26 26 27 27 27 27 27 27 28 29 25 08 29 27 27 27 27 27 27 27 27 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29	7 011 3 255 4 144 5 12 9 088 9 075 5 35 6 14 6	23 29 33 18 26 18 26 18 26 18 11 29 27 17 30 15 15 14 26 18 31 27 31 21 19 22 11 11 12 16 17 18 18 18 19 22 19 23 19 23 19 23 19 24 19 24 19 24 19 24 19 24 19 24 19 24 19 24 19 24 19 24 19 26 19 26 19 26 19 27 19 27 19 27 19 27 19 27 19 27 27 27 27 27 27 27 27 27 27 27 27 27	17 34 35 30 14 10 49 25 23 20 110 31 40 43 17 25 27 31 26 27 27 32 28 27 32 28 27 32 32 32 31 22 31 22 31 22 31 22 31 22 31 31 31 31 31 31 31 31 31 31 31 31 31	13 2 1 1 2 2 1 1 2 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	21	22 23 29 17 26 26 26 24 14 12 24 34 34 15 14 12 26 22 26 14 15 26 27 20 20 20 21 21 21 22 21 21 21 21 21 21 21 21 21	20 19 27 15 00 07 17 29 21 14 15 28 20 21 14 15 30 29 21 11 14 22 31 10 23 11 14 22 31 11 22 31 11 22 31 31 31 31 31 31 31 31 31 31 31 31 31	15 11 28 28 28 27 14 23 26 12 23 23 23 23 23 23 23 29 20 25 18 23 21 11 03 11 07 00 00 00 00 00 00 00 00 00 00 00 00	17 35 36 20 -06 15 41 30 16 32 24 31 18 29 20 42 22 35 11 11 11 11 11 12 20 21 21 21 21 21 21 21 22 23 24 31 25 26 31 31 31 31 31 31 31 31 31 31 31 31 31	20 30 36 31 48 26 22 27 10 27 38 32 41 27 8 33 41 27 8 33 41 27 8 33 41 27 8 33 8 33 8 33 8 34 8 34 8 34 8 34 8 3	15 16 10 11 20 20 20 20 20 20 20 20 20 20	07 13 19 17 07 04 18 12 12 13 09 17 07 19 11 08 17 11 03 18 18 10 20 11 11 03 11 11 03 11 11 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 19 23 41 41 34 27 27 28 28 28 22 41 41 30 27 27 28 28 28 28 28 28 29 41 41 30 20 41 41 41 41 41 41 41 41 41 41 41 41 41	15 37 35 31 16 51 39 28 30 23 31 11 24 41 23 33 41 41 24 41 25 25 25 27 27 28 27 28 29 20 21 21 22 23 23 24 25 26 27 27 28 27 27 27 27 27 27 27 27 27 27	-17 -03 -03 -01 -21 -01 -08 -03 -01 -02 -04 -03 -04 -09 -01 -03 -03 -03 -03 -03 -03 -05 -05 -06 -01 -05 -06 -01 -05 -06 -01 -05 -06 -07 -07 -08 -07 -07 -08 -07 -07 -08 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	02 -04 -00 -03 -18 -03 -04 -03 -03 -04 -03 -04 -06 -06 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	-08 -08 -18 -08 -19 -05 -19 -04 -15 -03 -05 -10 -11 -01 -01 -01 -03 -03 -03 -04 -15 -07 -14 -15 -07 -14 -15 -07 -14 -15 -07 -14 -15 -07 -14 -15 -16 -08 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	20 -45 -46 -355 -32 -332 -332 -332 -332 -332 -332	203 179 104 106 106 107 107 107 107 107 107 107 107 107 107
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 -03 14 11 16 25 15 32 28 27 28 18 19 39 44 29 26 16 21 29 12 22 24 18 18 19 19 27 17 12 11 14 20 40 12 27 14 16 15 15 26 32 08 11 11 14 27 14 27 14 27 14 27 14 16 29 20 24 23 24 26 10 11 27 28 21 28 22 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 26 29 26 10 11 27 28 21 27 22 24 23 24 26 29 26 10 11 27 28 23 31	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 26 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 -07 12 12 18 14 -07 30 14 -07 12 15 15 14 -07 20 12 24 12 30 -03 22 25 14 20 12 12 25 39 23 19 -08 25 08 16 15 17 21 35 1 10 23 04 18 -21 31 14 26 13 19 -16 19 29 32 12 28 -07 22 2 19 12 03 02 03 04 17 38 06 16 -06 24 2 21 31 05 09 -10 14 25 18, 13 19 -14 19 1 22 35 14 22 -22 31 34 37 15 29 -18 37 31 18 10 20 01 13 28 16 27 -05 26 28 28 28 16 27 -05 26 28 16 16 27 -05 26 28 16 16 27 -05 26 28 16 16 27 -05 26 28 16 16 27 -05 26	21 17 1 30 32 1 40 26 2 18 30 1: 08 06 2 18 30 1: 08 06 2 28 29 1: 18 33 2: 12 36 2: 14 09 16 14 26 0: 33 40 2: 14 19 1: 25 18 2: 31 37 2: 31 35 33 31 35 19 12 14 1: 27 27 42 25 26 16 17 10 14 23 12 17 10 18 23 12 25 39 16 14 22 13 17 10 18 17 10 19 17 10 11 17 12 11 17 12 11 17 12 12 25 25 27 11 17 12 12 28 20 12 25 27 11 17 12 12 28 20 12 25 27 11 17 12 12 28 20 12 25 27 11 17 12 12 28 20 12 25 27 11 17 12 12 28 20 12 21 33 13 31 31 13 32 33 24 24 29 28 33 33 24 27 19 15 14 22 13 14 31 17 18 32 33 24 29 25 34 18 33 33 24 29 21 15 13 20 17 13	7 011 3 25 4 14 5 12 9 07 5 35 6 14 6 14 6 14 6 14 6 12 7 18 8 31 8 31	23 29 33 18 -02 25 18 11 26 18 11 14 44 44 44 44 44 18 37 17 17 27 17 27 17 27 17 28 11 11 11 11 11 11 11 11 11 11 11 11 11	17 34 35 30 14 10 49 225 22 12 13 14 43 17 59 36 25 27 31 26 32 27 28 27 22 27 22 27 27 27 27 27 27 27 27 27	13 2 2 17 2 0 0 0 0 0 12 11 0 0 12 11 0 0 12 11 0 1 12 12 0 0 12 11 12 12 0 0 0 0	22	22 23 29 17 -02 13 26 26 24 14 12 24 34 34 15 14 32 26 22 06 16 16 25 17 20 17 20 20 20 18 20 20 20 20 20 20 20 20 20 20 20 20 20	20 19 27 15 00 07 17 28 28 20 14 15 28 20 14 15 22 31 11 12 23 11 11 12 23 11 11 12 24 33 18 24 33 18 24 33 18 24 33 18 33 33 33 33 33 33 33 33 33 33 33 33 33	15 11 28 28 28 27 14 23 26 12 23 17 08 25 23 23 16 33 17 28 29 20 20 21 11 11 11 11 11 11 11 11 11 11 11 11	17 35 36 20 -06 15 41 30 10 10 16 32 55 33 18 47 29 20 24 23 31 12 22 24 23 31 17 19 27 31 19 27 31 19 27 31 31 31 31 31 31 31 31 31 31 31 31 31	20 30 31 31 48 22 32 9 15 53 27 53 27 53 27 27 27 28 32 32 32 33 24 26 27 27 28 32 33 33 33 33 33 33 33 33 33 33 33 33	15 40 41 26 20 20 20 20 27 56 43 27 56 43 27 56 43 27 56 43 27 56 43 27 27 56 43 27 27 27 27 27 27 27 27 27 27 27 27 27	07 13 19 17 07 04 18 12 15 12 02 07 17 19 15 10 10 11 10 10 11 10 11 10 11 10 11 11	14 34 37 24 10 07 48 35 17 12 19 23 48 28 22 41 27 11 28 28 28 27 27 28 28 27 27 28 28 29 28 29 20 30 31 31 31 31 31 31 31 31 31 31 31 31 31	15 37 35 31 16 51 32 36 11 27 48 40 23 41 24 41 24 43 44 45 46 47 48 49 40 40 41 42 43 44 45 46 47 48 48 49 40 40 40 40 40 40 40 40 40 40	-17 -03 -01 -21 -01 -08 -03 -17 -06 -02 -03 -24 -01 -07 -04 -09 -04 -09 -04 -09 -04 -09 -01 -03 -03 -01 -05 -06 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	02 -04 -03 -18 -00 -01 -00 -01 -00 -00 -00 -00 -00 -00	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -11 -01 -12 -11 -07 -08 -07 -14 -15 -06 -07 -14 -15 -07 -14 -15 -16 -17 -19 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17	20 - 46 - 35 - 46 - 35 - 46 - 35 - 46 - 35 - 46 - 35 - 46 - 35 - 46 - 47 - 47 - 47 - 47 - 47 - 47 - 47	203 177 194 -186 -196 -196 -196 -196 -196 -196 -196 -19
17 17 27 13 42 12 26 10 11 27 28 23 21 11 14 16 27 20 24 23 24 23 23 31 11 14 20 26 10 11 27 28 23 23 24 26 10 11 27 28 23 23 24 26 10 11 27 28 23 23 21 10 -04 09	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 1 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -99 29 26 29 15, 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 29 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 26 -03 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 -3 19 27 12 33 14 40 32 -04 12 04 12 -3 12 18 14 -04 30 12 24 12 30 -03 12 25 14 20 12 12 25 39 23 19 -03 25 08 16 15 17 -21 35 10 23 04 18 -21 31 14 26 13 19 -16 19 22 25 14 20 12 12 25 39 23 19 -03 25 08 16 15 17 21 35 10 23 04 18 -21 31 14 26 13 19 -16 19 29 32 12 28 -07 22 2 19 12 03 02 03 04 10 16 15 16 00 04 2 17 38 06 16 -06 24 2 17 38 06 16 -06 24 2 17 38 06 16 -06 24 2 17 38 06 16 -06 24 2 17 38 06 16 -06 24 2 23 31 05 09 -10 14 2 25 18, 13 19 -14 19 12 35 14 22 -92 31 1 34 32 14 26 -12 23 3 34 32 14 26 -12 23 3 34 32 14 26 -12 23 3 31 37 15 29 -18 37 30 31 18 10 20 01 13 2 6 16 49 16 22 -15 28 2	21 17 1 30 32 1 40 26 2 18 30 1 20 8 06 2 03 10 2 28 29 1 18 33 21 20 32 1 40 26 6 21 19 1 14 26 02 33 40 2 21 19 1 25 18 26 31 35 1 25 26 16 25 26 26 27 28 29 29 29 29 21 19 17 10 10 14 12 19 20 25 06 21 27 27 27 27 27 27 27 27 28 29 29 29 29 21 19 17 10 10 14 12 19 22 17 23 23 15 26 16 24 29 25 26 25 39 16 26 27 27 27 27 27 27 27 27 27 27 27 27 27 28 29 29 29 29 29 29 29 21 28 29 29 21 28 29 29 22 25 3 45 13 24 29 28 23 45 13 24 29 28 23 45 13 24 29 28 23 45 13	7 011 3 255 4 144 5 12 9 088 9 075 5 35 6 14 6 14 6 14 6 14 6 14 6 12 18 20 18 30 19 20 18 8 8 27 7 18 8 27 7 18 8 27 7 18 9 19 19 19 19 19 19 19 19 19 19 19 19 1	23 29 33 18 20 04 25 18 26 18 11 09 14 44 24 18 37 27 17 30 15 16 19 22 17 23 16 31 21 19 22 11 23 16 17 23 18 24 18 25 18 26 18 27 28 28 28 28 28 28 28 28 28 28 28 28 28	17 34 35 30 14 10 49 25 23 20 10 31 40 43 17 25 27 31 26 27 32 27 32 28 27 32 28 27 32 32 32 31 28 31 31 31 31 31 31 31 31 31 31 31 31 31	13 2 1 1 2 2 1 1 2 2 1 1 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 2 2 2 2 2 2 2 1 1 3 2 2 2 2	21 22 17 31 32 0 31 12 12 15 40 41 15 22 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	22 23 29 17 26 26 26 24 14 12 24 34 34 15 14 12 26 22 26 26 14 15 26 27 20 20 20 21 21 21 22 21 21 21 21 21 21 21 21 21	20 19 27 15 00 07 17 29 21 14 15 28 16 16 16 29 21 11 11 22 31 10 23 11 24 25 11 27 27 28 28 29 21 21 21 21 21 21 21 21 21 21 21 21 21	15 11 28 28 28 27 14 23 26 12 23 23 23 23 23 23 23 29 20 25 18 23 23 29 20 25 18 21 21 21 21 21 21 21 21 21 21 21 21 21	17 35 36 20 -06 15 41 30 16 32 24 33 18 47 34 29 20 42 24 31 11 11 11 11 11 11 11 11 11 11 11 11	20 30 31 31 31 48 48 22 32 53 22 41 27 8 33 24 27 8 33 24 26 27 8 32 27 8 32 27 8 32 32 32 32 32 32 32 32 32 32 32 32 32	15 40 41 26 20 20 20 20 20 20 20 20 20 20	07 13 19 17 07 04 18 12 12 13 09 17 07 19 11 08 17 11 03 18 18 10 20 11 11 03 11 11 09 04 11 11 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 19 23 41 41 30 27 28 28 28 28 28 28 28 28 28 28 28 28 28	15 37 35 31 16 51 39 28 30 23 31 11 24 41 41 41 41 41 41 41 41 41 4	-17 -03 -01 -21 -12 -01 -08 -03 -01 -02 -04 -03 -04 -09 -01 -03 -03 -03 -03 -03 -01 -05 -06 -01 -05 -06 -01 -05 -06 -01 -05 -06 -01 -05 -06 -07 -07 -08 -08 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	02 -04 -03 -18 -06 -09 -07 -03 -10 -03 -04 -03 -04 -03 -04 -07 -07 -07 -07 -07 -07 -07 -08 -07 -08 -07 -08 -08 -08 -08 -08 -08 -08 -08 -08 -08	-08 -08 -18 -08 -14 -05 -19 -04 -15 -03 -05 -10 -01 -11 -01 -01 -01 -03 -03 -04 -11 -07 -16 -03 -04 -15 -07 -14 -15 -07 -14 -15 -16 -08 -07 -17 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -01 -19 -19 -19 -19 -19 -19 -19 -19 -19 -1	20 - 45 - 46 - 355 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	203 177 104 106 106 107 107 107 107 107 107 107 107 107 107
17 17 25 34 28 28 20 24 08 29 17 38 24 28 23 21 07 19 23 28 20 24 20 21 11 16 25 15 32 28 27 28 18 19 39 44 29 26 16 21 29 12 22 24 18 18 19 27 17 12 11 14 20 40 12 27 14 16 15 15 26 32 08 11 11 04 29 20 24 21 24 21 24 22 24 23 21 27 28 23 31 24 26 29 26 10 11 27 27 27 28 23 31 24 29 26 29 26 10 11 27 27 27 28 23 31 24 29 26 29 26 10 11 27 27 27 28 23 31 24 26 29 26 29 26 29 26 20 10 11	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 -07 12 12 18 14 -07 30 12 24 12 30 -03 22 25 14 20 12 12 25 39 23 19 -08 25 08 16 15 17 21 35 1 10 23 04 18 -21 31 14 26 13 19 -16 19 29 32 12 28 -07 22 19 12 03 02 03 04 17 38 06 16 -06 24 2 23 10 5 09 -10 14 25 18, 13 19 -14 19 1 25 18, 13 19 -14 19 1 22 35 14 22 -02 31 34 32 14 26 -12 23 31 37 15 29 -18 37 3 01 18 10 20 01 13 28 28 16 27 -05 26 20 10 -10 04 04 04 -03 -0 04 -15 -08 -07 -14 -15 -0 04 15 -08 -07 -14 -15 -0	21 17 1 30 32 1 40 26 2 18 30 1: 08 06 2 18 30 1: 08 06 2 28 29 1: 18 33 2: 20 32 1: 21 36 2: 21 4 09 16 22 19 1: 14 26 0: 33 40 2: 21 19 1: 25 18 2: 31 37 2: 33 37 2: 31 35 19 12 14 1: 25 26 16 15 08 03 31 35 19 12 14 1: 27 27 42 27 27 42 28 20 19 1: 14 22 17 19 10 14 22 17 19 10 14 12 19 22 17 23 22 25 27 19 17 10 14 12 19 22 17 23 22 25 27 19 17 10 14 12 19 22 17 23 22 25 27 14 31 17 12 28 20 25 19 17 10 10 14 12 19 22 17 23 22 25 27 11 17 12 21 28 20 22 19 15 14 31 17 22 25 26 24 29 28 26 33 24 27 27 28 28 20 29 19 17 20 25 12 21 28 20 22 19 15 24 29 28 23 45 13 24 29 28 23 45 13 26 03 05 20 27 11 13 24 29 28 23 45 13 26 04 -13	7 011 3 25 4 14 5 12 9 07 5 35 6 14 6 14 6 14 6 13 3 11 5 30 1 17 6 12 1 18 1 19 1 10 1 12 1 19 1 10 1 10	23 29 33 18 -02 25 18 11 26 18 11 14 44 44 44 44 44 18 37 17 27 17 27 17 27 17 23 16 11 11 11 26 11 11 11 11 11 11 11 11 11 11 11 11 11	17 34 35 30 14 10 49 25 20 12 11 31 40 43 17 59 36 25 27 31 26 32 27 32 27 32 27 28 27 27 27 27 27 27 27 27 27 27 27 27 27	13 2 2 17 2 0 0 0 0 0 12 11 0 0 12 11 0 0 0 12 11 0 11 2 1 1 0 0 1 1 1 2 1 1 0 0 1 1 1 1	22 17 21 22 17 20 31 20 31 20 31 20 31 32 32 32 33 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35	22 23 29 17 -02 13 26 26 24 14 12 24 34 34 15 14 32 26 26 21 25 16 26 27 20 15 26 27 27 20 27 27 27 27 27 27 27 27 27 27 27 27 27	20 19 27 15 00 07 17 28 28 20 14 15 28 20 14 15 22 31 11 12 23 11 11 12 23 11 11 12 24 33 18 24 33 18 24 33 18 24 33 18 33 33 34 35 36 36 37 37 37 37 37 37 37 37 37 37 37 37 37	15 11 28 28 28 27 14 23 26 12 23 17 08 25 23 16 33 17 28 29 20 20 11 11 11 11 11 11 11 11 11 11 11 11 11	17 35 36 20 -06 -15 41 30 -10 10 10 13 22 43 31 18 47 29 20 24 23 31 12 22 24 23 31 12 32 25 31 12 27 31 12 27 31 12 27 31 31 31 31 31 31 31 31 31 31 31 31 31	20 30 31 31 48 22 32 9 15 53 27 53 32 53 27 7 8 32 27 27 27 28 32 32 33 24 26 27 33 33 33 33 33 33 33 33 33 33 33 33 33	15 40 41 26 20 20 20 20 20 27 56 43 27 56 43 27 56 43 27 56 43 27 56 43 27 29 21 27 27 27 27 27 27 27 27 27 27 27 27 27	07 13 19 17 07 04 18 12 15 12 10 11 07 19 15 10 10 11 10 10 11 10 11 10 11 10 11 11	14 34 37 24 10 07 48 35 17 12 19 23 48 28 22 41 27 11 28 28 28 27 27 28 28 28 38 34 27 29 28 29 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40	15 37 35 31 16 51 32 36 11 27 48 40 23 41 24 41 24 43 44 45 46 47 48 49 40 40 40 40 40 40 40 40 40 40	-17 -03 -01 -21 -01 -08 -03 -17 -06 -02 -03 -04 -09 -04 -09 -04 -09 -04 -09 -04 -09 -01 -07 -08 -03 -01 -07 -08 -03 -01 -01 -01 -01 -01 -01 -01 -01 -01 -01	02 -04 -03 -18 -06 -09 -07 -07 -08 -01 -03 -03 -03 -03 -03 -03 -03 -03 -03 -03	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -11 -01 -12 -11 -07 -08 -07 -14 -15 -08 -07 -14 -15 -07 -14 -15 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17	20 - 46 - 35 - 32 - 33 - 33 - 33 - 33 - 33 - 33	203 177 194 -180 -194 -194 -194 -194 -194 -194 -194 -194
17 17 25 28 28 28 20 24 28 28 28 28 28 29 26 29 26 29 29 26 29 29 26 29 29 29 29 29 29 29 29 29 29 29 29 29	7 16 24 25 04 -01 01 1 17 37 22 25 -06 24 3 30 41 19 32 -12 24 1 19 40 16 26 00 17 1 14 00 08 05 26 15 3 14 11 05 26 09 42 -3 3 22 32 27 28 -13 20 21 35 22 12 -09 29 26 29 15 15 -12 18 3 21 40 29 23 -02 35 -05 14 06 05 -01 07 00 15 10 06 -08 14 25 30 05 16 08 13 27 39 20 37 -06 36 18 20 14 21 -06 19 18 26 15 14 -13 13 35 43 10 26 03 28 37 42 18 24 -17 27 19 31 09 22 -06 15 04 19 11 22 -04 13 25 41 21 28 -08 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 40 32 -04 12 04 12 32 03 18 -12 24 23 19 17 19 11 20 19 27 12 33 14 -07 12 12 18 14 -07 30 12 24 12 30 -03 22 25 14 20 12 12 25 39 23 19 -08 25 08 16 15 17 21 35 1 10 23 04 18 -21 31 14 26 13 19 -16 19 29 32 12 28 -07 22 19 12 03 02 03 04 17 38 06 16 -06 24 2 23 10 5 09 -10 14 25 18, 13 19 -14 19 1 25 18, 13 19 -14 19 1 22 35 14 22 -02 31 34 32 14 26 -12 23 31 37 15 29 -18 37 3 01 18 10 20 01 13 28 28 16 27 -05 26 20 10 -10 04 04 04 -03 -0 04 -15 -08 -07 -14 -15 -0 04 15 -08 -07 -14 -15 -0	21 17 1 30 32 1 40 26 2 18 30 1 20 26 2 18 30 1 20 30 10 2 22 8 29 1 18 33 2 12 36 2 21 16 2 21 36 2 21 17 2 21 18 2 21 19 1 22 19 1 25 18 2 26 26 16 27 27 27 27 27 27 27 28 29 25 26 29 11 17 10 20 29 17 21 14 12 25 18 2 26 19 17 27 17 10 28 29 29 29 29 29 29 29 29 21 19 17 21 17 10 22 17 23 23 25 06 24 21 28 21 25 06 26 27 27 27 27 27 27 27 27 27 28 29 29 29 29 29 29 21 18 31 32 32 32 32 32 32 32 32 32 32 32 32 32	7 011 3 255 4 144 5 12 9 088 9 075 5 35 6 14 13 099 2 188 8 27 6 02 3 11 6 14 6 14 6 14 6 15 7 18 8 27 8 3 12 9 08 8 3 12 9 08 8 3 12 9 08 8 3 12 9 08 9	23 29 33 18 20 04 25 18 26 18 11 10 99 14 44 44 44 44 44 44 44 44 17 17 17 17 18 30 15 16 16 17 17 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	17 34 35 30 14 10 49 25 23 20 10 31 40 43 17 59 36 25 27 31 26 27 27 32 28 27 27 32 28 27 32 28 27 32 32 32 32 32 32 32 32 32 32 32 32 32	13 2 2 1 2 3 2 2 1 1 2 1 2 1 2 1 2 1 2 1	22 22 20 31 32 32 32 32 32 32 32 32 32 32 32 32 32	22 23 29 17 26 26 26 24 14 12 24 34 34 34 32 26 22 26 26 14 15 15 26 27 20 20 20 21 21 21 22 21 21 21 21 21 21 21 21 21	20 19 27 15 00 07 17 29 218 20 40 14 15 22 31 10 30 29 21 11 14 22 31 10 30 99 10 11 21 31 31 31 31 31 31 31 31 31 31 31 31 31	15 11 28 28 28 27 14 23 26 12 23 23 23 23 23 23 23 29 20 25 18 23 23 21 11 21 21 21 21 21 21 21 21 21 21 21	17 35 36 20 -06 15 41 30 16 32 24 31 18 27 20 42 22 35 11 11 11 11 11 12 20 21 21 21 21 21 21 21 21 21 21 21 21 21	20 30 31 31 48 48 22 32 41 27 8 32 41 27 8 33 41 27 8 33 41 27 8 33 41 27 8 32 41 27 8 32 8 32 8 32 8 32 8 32 8 32 8 32 8	15 40 41 26 20 20 20 20 20 27 8 30 20 27 8 31 27 43 22 43 23 24 24 25 27 27 28 28 29 29 29 29 29 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21	07 13 19 17 07 04 18 12 12 13 09 17 07 19 15 11 10 20 13 18 10 20 11 11 10 20 11 11 11 11 11 11 11 11 11 11 11 11 11	14 34 37 24 10 07 48 35 17 12 19 23 41 41 34 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	15 37 35 31 16 51 39 28 30 23 31 11 24 30 23 31 34 34 34 35 36 41 41 41 42 43 43 43 43 43 44 45 46 47 47 48 48 48 48 48 48 48 48 48 48	-17 -03 -03 -01 -01 -08 -03 -01 -08 -03 -01 -02 -04 -03 -04 -09 -01 -03 -03 -03 -03 -03 -04 -04 -03 -04 -03 -04 -04 -03 -04 -04 -04 -04 -05 -06 -07 -07 -07 -07 -07 -07 -07 -07 -07 -07	02 -04 -03 -18 -06 -09 -07 -01 -08 -08 -08 -09 -08 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -08 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	-08 -18 -08 -14 -05 -10 -15 -19 -04 -13 -03 -11 -01 -12 -11 -07 -08 -07 -14 -15 -08 -07 -14 -15 -07 -14 -15 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17	20 -45 -46 -355 -32 -45 -32 -45 -32 -45 -32 -45 -32 -45 -32 -45 -32 -45 -45 -45 -45 -45 -45 -45 -45 -45 -45	203177-19-0-18-0-0-18-0-18-0-18-0-18-0-18-0-18

٠.	•			•																															•			-							
ļ). 1		ۍ . ټ:	, 0 0	36	7 t		000	94	52.	37	16	37	49		78.	3,5	2 4	2 °	30	2 4	٦١٩	7 7	75	. 62	. K	40	, 43	69	20	48	20	^ C	ት 4 7 ላ	5.5	1	45	64	38	5	•	35	82	30	47
	s:		5.0	07-		9 - 7 C	3	3 8	0.4	60	-12	9	03		-03	70		5 2	000	·	70	50-	20.	-08	-10	13	F	70	04	-05	4	2°-	3 5	60	90	-05	04	04	00	70.		3 6	3 6	10	7 80 80
	=	ı					1		•			1										1					ı				- 1					1				- 1					90 ·
	a	ŀ					ł					- 1										ŧ					1				•									- 1				ı	-11 -06
	۵						ŧ					- 1					1					1					ı				1					1				1				- 1	-03 10
	٥	:	1 5	5 -	7 6	֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	8	700	9:	23	9 .	10:	27	2 5	3 5	104	12	00	-01	5	=	6	02	01	-03	18	15	-15	-	03		5 7	08	-09	- 10	-33	705	9	60-	36	20	04	90	4	-11
	z						1					1					Į					ı									1									1				ł	11 -20
	ž						1					1										•														!				1				- 1	-08 -08
	ا د						1					1					1					1									ļ									1				- 1	-04
	∠						1					1					ı													1	1				ļ					1				- 1	-03
1	-						ŀ					ı					1					1									t				- 1					i				- 1	16
	-						l.				•	1					ı				1	ŀ				ı					1				1					1				- 1	03
:							l					I					ı				- 1	ĺ				- 1					Ł				- 1					1				- 1	-12
1	,						ſ					1					i									- 1					1				- {					1				- 1	29
2	-						ŀ					1				ì					ı					- 1					1				- 1					ľ		_	03	ŀ	
12	:					-						1	9-								- 1					- 1					l				1								-12	Т	
ء		-05	-03	8	-21	-16	54	-26	00	10	05	9	90-	-19	19	-32	-05	-03	-19	70	-32	ر د د	17-			S	5 6	3 -	202	105	12	14	80-	9.	٩	<u> </u>	0	<u>}"</u>	19	62-	12	04	25	5 2	15
٥	·	-0-	90	-03	-05	-44	-43	22	-05	90	-21	e.	·	=	90	6	-07	40	8 c	, 50-	2	§ .	01.	04.0		8	9 ~	5.5	-33	-04 %	03	-52	0.5	13	3	<u> </u>	. 6	12	08	61-	-	18	14		; _
=		9	90-	23	17	70	-21	-19	52	10	38	8	. 32	-1	-27	77-	52	ر - د د د	í.	7 6	80-	4.	ה ה	61.0	3 8	?	717	00-	-20	08	90	-04	-31	-05	77-	13	0.8	020	16	63	-11	-15	-25 03	3	-12
<		37	29	67	2	7	53	29	22	42	28	52	32	44	75	25	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 -	.	2 20	•	5 5	7 4	2 5	2 4		4 5	::	44	45	52	36	6	7 4 7	8 2	200	, R	42	40	36	28	62	24 24	2	65
Trate		Carloon Analogies	Cartoon Evehange	Cartoon Implications	Cartoon Predictions		Consequences - remote	DAT Abstract Reasoning .	Expressions	Expression Exchange	Expression Grouping		Facial Situations	Figure Matrix Test	Henmon-Nelson Vocabulary	Hidden Figures	Inflections	11 E.D Quantitative Thinking			1	Dangton in a Comment			Dicture Frankement	1		Plot Titles - low quality	Plot Titles	Questions II	Reflections	Seeing Problems	Secing Trends I	Shin Destination	Silbert in Lest	Social Relations	Social Translations	Sound Meaning	Stick Figure Opposites	Street Gestalt Campletion	Verbal Analogies I	Verbal Clussification	Verbal Comprehension	Word Classification	word Classification Word Matrix Test
	~	→ (~ i ('n	* 1		o i	7.	ထ်	6	10.	Ξ	12.	13.	14.	15	<u>.</u>	7	9 5		ქ- -		; č		ָרְ קיל		27.	28.	29.	30.	31.	35.	3,5	4,4		37.	38	39.	9	41.	42.	43.	4.4	14	7

Note. - Decimal points omitted.

<

Rotated Factor Matrix

	_	•				•																		-	•						-	- ~											0
	24		÷.	20.	3 () () ()	10,7	9 6	2 6			12	46	55	≅;	7	2 5	8 8	96	5	56	6 1	U 4	א ם צ	40	43	69	20	8	, r	6 7	ι. W	25	რ <u>ს</u>	64	38	*	, ç	3 5	85	2	4. 6.9	
	RCH.		0 2	N.	2 6	5 6		2 ~	; - -	3	5 -	16	60	-17	88	3 2	Š	0	-15	-07	ō.	ā:	<u> </u>	- 1-	18	02	-01	90-	17	5 ~	-01	-11	8	0 0	5 -	90-	2) 	0.7	0	5	 	
	S S S		02	⊒ ?	2 t	0 0	ž	2 -		3 =	<u>α</u>	70-	00	Ξ	77	5 6	5 -	35	17	ŝ	53	2:	2 0	27	18	25	03	3 :	2	200	-09	05	9	2,0	10	=	40-	0 0	2 2	80	- 2	8 7 7	
	CBT	ŀ	2	25	9 4	-02	20	. 4	- 2	43	2 2	:0:	0.5	01	27	2	52	91	23	-	÷ (7,0	; =	51	S	16	-05	1.9	3/2	08	60	97	67	7°	51	19	22	, 7	. 1	52	25-	23 7	
	CBS		2 6	87	7 7	9 6	į	60	92	01	27	22	45	18	<u> </u>	1	1 .	25	58	=	200	60		3 ~	63	14	-12] :		0.5	010	87	2	, 10-	212	0.7	2	212	04	15	3 2	20	
	CDR	;	<u> </u>	5 ?	; -	20-	70	7	08	91	6	12	2.1	¥0,	68	3	2.=	05	12	3	2:	2 2	. 6	0 0	60	-01	0	01.	2	0	-13	4.	2	5 °C	34	21	34	3 8	22	9;	\$ 6	36	
٠.	CBC	1	77	° -	10	0	90	2	2.7	16	53	60	17	15	60	2	0:0	-01,	=;	200	S:	20	-03	6	41	01	-12	æ -	- ×	12	90	23	3	90	-13	22	600	0 0	-05	22	22	:21	
4	CBU	;	C -	77		12	10,	03	36	02	27	9	12	60	0 0	38	?=	11.	90	= -	77	0 -	7	. 77	80	₹0-	0.5	0 7	100	7	23	0 6		90	2	= ;	/7	300	62	16	e e	12	
	NFT	0.	0 -	i -	. 0	-03	2	27	60	00	-02	=	-18	9	9 0	10	23	91	80	<u>ج</u> اء	7 4	0 7 7	90	00	97	60	61	2 0	3/5	03	90	13	#7 -	<u>:</u>	07	-07	70	7.7	12	98	05	35	
	CFR	ł					1					1				1				I					1								1				1			3 2	1		
	CFU	i					ı									1				1				-					1				1							96	ł		
	NMS	1										1				١\				1				- 1					1				1				1			07	1		
	NWO	3	<i>-</i> .	٠.		- 1					- 1					ı				•				- 1					ŀ				1				, [0 0 0	1		
	DMT	1				- 1					1					1				1				ŀ					ì				1				1			<u> </u>	•		
۱	ו טאמ					1					ł					ĺ				1				- 1									1				ŀ			-09	1		
1	CMI 1	1				- 1					- [1				1				- 1						ŧ			1				1			05 0	ı		4
	CMS	-05	6	٠.	0		~	ج	<u> </u>	-02		~ (ر د د د د	? ~	26		65			00	- x	22	16 -	57		ľ	# ~	•		ω.	28 18	37	ļ		ω,	9.0		- 60	91	9 2	6	22	
	CMR	- 60	13	-07	90	5	90	02			-	2.0	٠ ٢	2.0	16.	'		2 c		12	্ঠ	=	-03	2	•) : -						. 80	l			` `~	l	37	. 33	2.4 1.5		55	
	CMC	. 00	1:0	•		1	77 6	87	* !	20	2		- °	י ער	16			2 1	- 9	80	•		'			0 2		•			07	*	ļ			200		s e	49	13 5	36		
	CMU C	01	11			_ ,				200	Ì	2 -	-	. 59			77	2 5			•	,				# 0			1		2 5					52	'		20:	. v	7		
	Ī	` T	្ន					_ ~ :			1		n ĉ					•	,					.					•	_ :								3	 	ם נ	2	~	
	hfc ^a	CBR	CBT	CII	CBI	DWG	- W C	Z :	֓֞֝֞֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	ָרָ נָ בְּיִבְּינִ בְּיִבְּינִ) () () () ()	S C	NFT	CBC		;	1.io	CBC	TTN	CMI	NMS		ָ מאַ מאַ		2 2 2	CBU	Ë	i i	D W Z	CMS	CBR	CBR	CBT) Services	Cru	CNE		CNU	CMC	CMR	9
	-					-	. 1	ĘĐ						la rv			King				ıge					>	. <u>.</u> .							•	•		ü						omitte
		ies	9 B	tions	tions	Consequences - opvious	DAY Abeliand Burnels	Expressions		nange	Sincing	, 2	Fest	Henmon-Nelson Vocabulary		1.	Missing Carlogue		ع		Penetration of Camouflage	ions	cment	200	Picture-Grown Naming	- low quality	- high quality			20		Test	· suoi		suoi	Stick Figure Opposites	Street Gestalt Completion		ation	Comprenension	tion	18:	Decimal points omitted
		Analogies	Exchange	mplice	redic	4950	2001	ינקר נו מייי	i i			nation	atrix	Velson	cures	20 2	2 7 6 6 6	Pictures	Word	Out) jo us	Quest	rreng		round	0	s - big	11	٠.	oblem order	Order	nation	Relat	ations	ranslations	re Op	stalt C	alogic	111551	It's	Classification	rix To	ecima
	اي	Cartoon A	Cartoon E	Cartyon Implications	Cartoon Predictions	1 C On C	1 A ha	Expressions	Type to selon Freehomen	7.66.7	Freeze Salou Salound	Facial Situations	Figure Matrix Test	mon-ì	Hidden Figures	inflections	Missing Carloing	Afissing F	Mutilited Words	Odd Strip Out	otrutti	Pertinent Questions	Ficture Arrangement	Picture Exchine	C-ara	Plot Titles	Plot Titles	Questions II	Keffer tions	Suging Problems	Sentence Order	Ship Destination Test	Silhouette Relations	Social Relations	1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	k Figu	et Ge.	Verbal Analogies	Verbal Classification	- 5		Word Matrix Test	
	Tests	. Car	້ອ	ະ ເ	ູ້ສູ່ ເ						١.				T					. Odd				1								٠,١	4									io	Note.
ı	ı	~	~	· .	7 1	r۲	, 1	- α	C	,0		: 2	~	Ξ	212	2 -	- 83	5	윇	<u> </u>	2	~; ·	, i		2.	8	5	င္ကါ	٠ - - -	j.~	, 4	12	36.	~ ;	2 0	: 입	#1 .	2 2	j	5	ġţ	≒	

Note. --- Decimal points omitted.

a Hypothesized factor content.

Target Matrix for Rotated Factor:

